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The
MACNIFF
HORTICULTURAL
COMPANY

CONDENSED GARDEN
SEED AND PLANT
— CATALOGUE —

1 9 3 5

196 GREENWICH STREET
NEW YORK CITY



1909 — MacNIFF — 1935

In presenting this, our 1935 Catalog, we enter upon our twenty-sixth year of faithful Horticultural Service. Your continued patronage has made this possible, and we take this opportunity to thank our many friends for their loyalty to us.

We have not elaborated on this Catalog, as we felt our customers would rather have us save expenses and put this saving into reducing our prices.

SEED DEPARTMENT

Our Seeds, Vegetable, Flower and Grass, have been procured from the best crops. We pack and test all Seeds ourselves, therefore assuring you of the highest germination possible. For our Grass Seed we cannot speak too highly, and the tons used each Season is our best proof of its quality. Cheap Seed cannot produce a good Lawn. We suggest you give our Seed a trial if you desire a firm, velvety, lasting Lawn.

POULTRY DEPARTMENT

We carry a complete line of Brooders, Incubators, and supplies. Starting March we will have in stock large shipments of Chicks, all breeds. We are the only firm in Downtown New York handling Poultry Supplies. Feed for Chickens of all ages and Bird Seed in stock at all times.

PLANT DEPARTMENT

About March 15th, weather permitting, we will open up our Plant Department. Here we devote two entire salesrooms to the display of Roses, Shrubs, Evergreens, Fruit Trees, Small Fruits, Perennial Plants and Bulbs. At all times you will find a complete assortment of varieties in stock, so that you may call on your way home from business, select your requirements, to be planted at once. Our shipping department is fully equipped to ship your orders promptly and pack them carefully to insure safe arrival.

Again we thank you for your patronage, and assure you we will continue to render quality, and service as in the past.

THE MACNIFF HORTICULTURAL CO., Inc.

196 Greenwich Street, New York City
(Near Fulton Street)

All Subways to Fulton St.—All Elevated Stations at Cortlandt St.

ORDERING, REMITTING, ACCOUNTING, FORWARDING, ETC.

Mail Orders Given Prompt Attention

No extra charge for postage on seeds in packets, ounces and quarter pounds. Add 10c per quart for peas, beans, corn and grass seed, if ordered to be sent by mail.

Remittances should be made by Express Money Order, P. O. Money Order, Bank Draft or Registered Letter. No goods sent C. O. D. unless 25 per cent. of their value accompanies the order. No perishable goods sent C. O. D.

We Forward as Customer Directs, by mail, express, freight or steamer. When no shipping instructions are given we send according to our judgment.

We make no charge for shipping and carting of any goods to any railroad station, steamship line or express office in New York City proper.

We Make No Charge for Packing except on plants, for which we charge cost. We charge for cloth bags, viz.: 1 peck, 15c.; $\frac{1}{2}$ bushel, 20c.; 1 bushel, 30c.; 2 bushels, 50c.

We Guarantee Safe Arrival in the United States of all seeds.

Questions and Correspondence—We endeavor to answer promptly all letters of inquiry, which should be on separate paper from order.

The MacNiff Horticultural Co., Inc., gives no warranty, expressed or implied, as to description, quality, productiveness, or any other matter of any seeds and bulbs they send out, and they will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms they are at once to be returned.

UNITED STATES PARCEL POST RATES

Fourth Class Matter	First Pound or Fraction	Each Additional Pound or Fraction
Local Rate New York City.....	7c	1c
First Zone within 50 miles of New York.....	8c	2c
Second Zone within 150 miles of New York City.....	8c	2c
Third Zone within 300 miles of New York City.....	9c	3c
Fourth Zone within 600 miles of New York City.....	10c	4c
Fifth Zone within 1000 miles of New York City.....	11c	6c

On most of the articles listed in this catalog we have given the mailing weight.

Size of package to be sent Parcel Post cannot be over 100 inches in length and girth combined.

The rate of postage on mailable parcels weighing 4 oz., or less, is 2c for each oz. or fraction thereof and on those weighing more than 4 oz., the pound rates shown in table will apply.

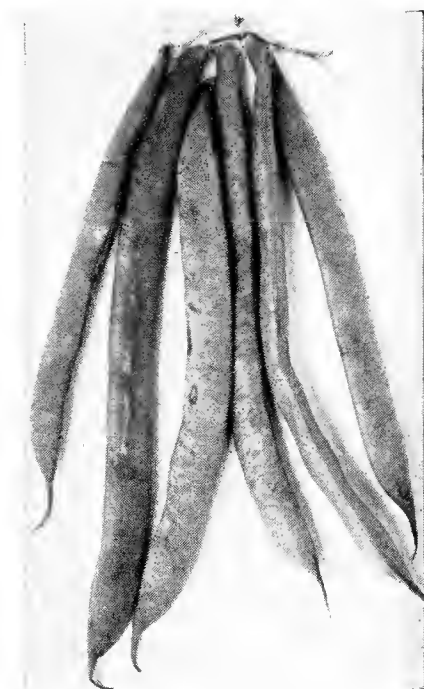
Parcels up to 70 lbs. can be sent by parcel post to any zone.

To points further than the second zone on weight over 10 lbs., the charge by freight or express is usually more economical.

TESTED VEGETABLE SEEDS

The seeds listed in this catalog are the best standard varieties which have stood the test and proven all that is claimed for them.

BEANS



BOUNTIFUL

GREEN POD BUSH BEANS

One pound will plant 100 feet of drill.

	Pkt.	½ lb.	lb.	2 lbs.	8 lbs.
Bountiful	\$0.10	\$0.25	\$0.40	\$0.70	\$2.00
Black Valentine .....	.10	.25	.40	.70	2.00
Burpees .....	.10	.25	.40	.70	2.00
Dwarf Horticultural or Cranberry .....	.10	.25	.40	.70	2.00
Extra Early Refugee..	.10	.25	.40	.70	2.00
Earliest Red					
Valentine .....	.10	.25	.40	.70	2.00
Giant Stringless Green-pod .....	.10	.25	.40	.70	2.00
Refugee or 1000 to 1 .....	.10	.25	.40	.70	2.00
Tendergreen .....	.10	.25	.40	.70	2.00

WAX POD BUSH BEANS

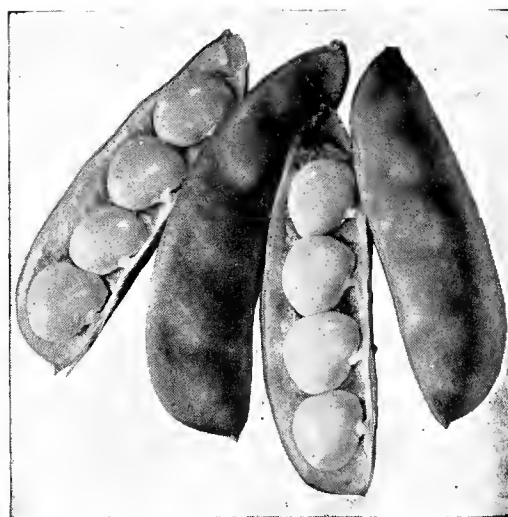
One pound will plant 100 feet of drill.

	Pkt.	½ lb.	lb.	2 lbs.	8 lbs.
Early Refugee Wax	\$0.10	\$0.25	\$0.40	\$0.70	\$2.00
Improved Black Wax .....	.10	.25	.40	.70	2.00
Improved Golden Wax .....	.10	.25	.40	.70	2.00
Wardwell's Kidney Wax .....	.10	.25	.40	.70	2.00

BUSH LIMA BEANS

One pound will plant 200 feet of drill.

	Pkt.	½ lb.	lb.	2 lbs.	8 lbs.
Burpee's Improved Bush Lima	\$0.10	\$0.30	\$0.45	\$0.80	\$2.25
Dreer's Bush Lima.....	.10	.30	.45	.85	2.75
Early Fordhook .....	.10	.30	.45	.85	2.75
Henderson's Bush Lima .....	.10	.25	.35	.60	2.00



KING OF THE GARDEN

POLE LIMA BEANS

	Pkt.	½ lb.	lb.	2 lbs.	8 lbs.
Dreer's Improved or Challenger	\$0.10	\$0.30	\$0.45	\$0.80	\$2.00
Early Leviathan .....	.10	.30	.45	.80	2.00
King of the Garden or Large White.....	.10	.30	.45	.80	2.00
New Ideal .....	.10	.30	.45	.80	2.00

POLE BEANS

One pound will plant 200 hills.

	Pkt.	½ lb.	lb.	2 lbs.	8 lbs.
Golden Cluster Wax.....	\$0.10	\$0.30	\$0.45	\$0.80	\$2.00
Horticultural, or Cranberry .....	.10	.30	.45	.80	2.00
Old Homestead, or Kentucky Wonder.....	.10	.25	.35	.65	1.75
Scarlet Runner .....	.10	.30	.45	.80	2.00

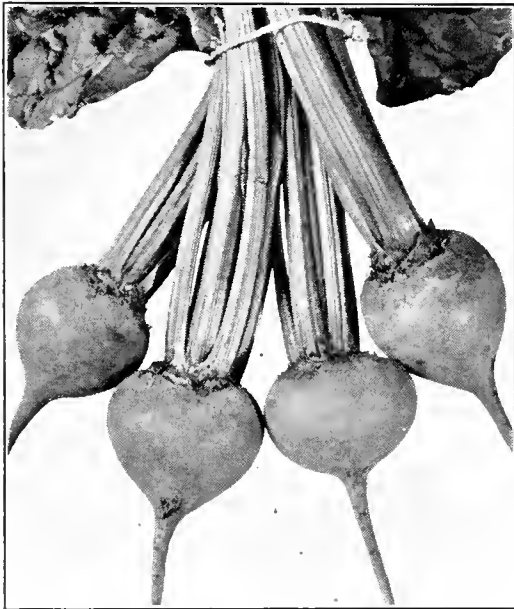
BROCCOLI

Similar to Cauliflower in growth and culture; flavor not as delicate; hardier and valuable in northern climates where Cauliflower does not thrive.

	Pkt.	Oz.	¼ lb.
Italian Green Sprouting.....	\$0.15	\$0.60	\$1.75
Purple Cape .....	.10	.50	1.50
White Cape .....	.10	.50	1.50



VEGETABLE GROUP



EXTRA EARLY EGYPTIAN

BEETS

One ounce will sow 50 feet of drill, 5 to 6 pounds for an acre.

	Pkt.	Oz.	¼ lb.	lb.
Crosby's Extra Early				
Egyptian	\$0.10	\$0.15	\$0.35	\$1.00
Crimson Globe	.10	.15	.35	1.00
Detroit Dark Red	.10	.15	.35	1.00
Early Blood Turnip	.10	.15	.35	1.00
Early Wonder	.10	.15	.35	1.00
Edmand's Blood Turnip	.10	.15	.35	1.00
Eclipse	.10	.15	.35	1.00
Electric	.10	.15	.35	1.00
Half-Long	.10	.15	.35	1.00
Long Smooth Blood	.10	.15	.35	1.00
White Sugar	.10	.15	.35	1.00

MANGEL WURZEL BEETS

	Pkt.	¼ lb.	1 lb.
Colossal Long Red	\$0.10	\$0.25	\$0.60
Golden Tankard	.10	.25	.60

BRUSSELS SPROUTS

One ounce will sow 200 feet of drill.

	Pkt.	Oz.	¼ lb.	lb.
Dalkeith	\$0.10	\$0.20	\$0.65	\$2.00
Dwarf Improved	.10	.20	.65	2.00

CABBAGE

One ounce will produce 3,000 to 4,000 plants.

EARLY SUMMER CABBAGE

	Pkt.	Oz.	¼ lb.	lb.
Charleston, or Large				
Wakefield	\$0.10	\$0.25	\$0.65	\$2.25
Early Jersey Wakefield	.10	.25	.65	2.25
Early Spring	.10	.25	.65	2.25
Early Summer	.10	.25	.65	2.25

MID-SEASON

	Pkt.	Oz.	¼ lb.	lb.
Premium Flat Dutch	\$0.10	\$0.25	\$0.65	\$2.25
Succession	.10	.25	.65	2.25

LATE CABBAGE

	Pkt.	Oz.	¼ lb.	lb.
Autumn King	\$0.10	\$0.25	\$0.65	\$2.25
Mammoth Rock Red	.10	.25	.65	2.25
Perfection Drumhead				
Savoy	.10	.25	.65	2.25
Selected Flat Dutch	.10	.25	.65	2.25
Chinese Petsai	.10	.25	.65	2.25
Danish Ball Head	.10	.25	.65	2.25

CARROTS

	Pkt.	Oz.	¼ lb.	lb.
Chantenay Half Long	\$0.10	\$0.20	\$0.45	\$1.25
Danver's Improved				
Half Long	.10	.20	.45	1.25
Early French Forcing	.10	.25	.75	2.00
Early Scarlet Horn	.10	.20	.45	1.25
Long Orange Improved	.10	.20	.45	1.25
New York Market	.10	.20	.45	1.25
Oxheart or Gurande	.10	.20	.45	1.25
Half Long Red				
Stump Rooted	.10	.20	.45	1.25

CAULIFLOWER

One ounce of seeds will produce about 3,000 plants.

	Pkt.	¼ oz.	½ oz.
MacNiff's Peerless	\$0.15	\$0.75	\$1.25
Selected Extra Early			
Dwarf Erfurt	.15	.75	1.25
Snowball	.15	.75	1.25

CELERY

One ounce will produce 5,000 plants.

	Pkt.	½ oz.	1 oz.
Giant Pascal	\$0.10	\$0.20	\$0.35
Golden Self-Blanching .....	.10	.40	.70
White Plume .....	.10	.20	.35
Winter Queen .....	.10	.20	.35

CELERIAC**TURNIP-ROOTED CELERY**

One ounce will produce about 5,000 plants.

	Pkt.	½ oz.	1 oz.
Erfurt Giant	\$0.10	\$0.20	\$0.35
Large Smooth Prague.....	.10	.20	.35

CHERVIL

One ounce will sow about 150 feet of drill.

Used for flavoring soups and salads, and for garnishing like Parsley but grows more rapidly and can be used sooner.

	Pkt.	Oz.	¼ lb.
Curled	\$0.10	\$0.15	\$0.35

CHICORY

One ounce will sow 100 feet of drill.

	Pkt.	Oz.	¼ lb.
Large Rooted	0.10	\$0.20	\$0.50
Whitloof Chicory .....	.10	.25	.75

COLLARDS

	Pkt.	Oz.	¼ lb.	lb.
True Georgia	\$0.10	\$0.15	\$0.30	\$0.85

CORN SALAD, or FETTICUS

One ounce will sow 150 feet of drill.

	Pkt.	Oz.	¼ lb.	lb.
Large Seeded	\$0.10	\$0.20	\$0.50	\$1.50

CRESS, or PEPPER GRASS

One ounce will sow about 100 feet of drill.

	Pkt.	Oz.	¼ lb.	lb.
Extra-Curled	\$0.10	\$0.15	\$0.40	\$1.00
Water Cress .....	.10	.45	1.50	4.50

CUCUMBER

One ounce for 50 hills, 2 pounds for 1 acre.

	Pkt.	Oz.	¼ lb.	lb.
Cool and Crisp	\$0.10	\$0.25	\$0.75	\$2.25
Early Fortune .....	.10	.25	.75	2.25
Everbearing .....	.10	.25	.75	2.25
Green Prolific .....	.10	.25	.75	2.25
Improved White Spine....	.10	.25	.75	2.25
Japanese Climbing .....	.10	.25	.75	2.25
Livingston's Evergreen....	.10	.25	.75	2.25
Long Green .....	.10	.25	.75	2.25
Short Green or Gherkin...	.10	.25	.75	2.25

CORN**SWEET OR SUGAR**

One pound will plant 200 hills; 8 to 10 quarts to an acre in hills.

**GOLDEN BANTAM****SUGAR CORN**

	Pkt.	½ lb.	lb.	2 lbs.	8 lbs.
Cory, White Cob	\$0.10	\$0.25	\$0.40	\$0.70	\$1.75
Early Minnesota .....	.10	.25	.40	.70	1.75
Early Metropolitan .....	.10	.25	.40	.70	1.75
Golden Bantam .....	.10	.25	.40	.70	1.75
Howling Mob .....	.10	.25	.35	.65	1.75
Whipple's					
Early Yellow .....	.10	.25	.40	.70	1.75

MID-SEASON

De Lues Golden Giant .....	.10	.25	.40	.70	1.75
Black Mexican .....	.10	.25	.40	.70	1.75

LATE

Country Gentlemen .....	.10	.30	.45	.75	2.25
Stowell's Evergreen.....	.10	.25	.40	.70	1.75

DANDELION

One ounce will sow about 100 feet of drill.

	Pkt.	½ oz.	1 oz.	¼ lb.
Large-Leaved	\$0.15	\$0.40	\$0.75	\$2.50
Common .....	.10	.30	.50	1.75

ENDIVE

One ounce will sow 150 feet of drill.

	Pkt.	Oz.	¼ lb.	lb.
Broad Leaved Batavian				
(Escarolle)	\$0.10	\$0.25	\$0.55	\$1.50
French Moss Curled .....	.10	.20	.45	1.25
Green Curled .....	.10	.20	.45	1.25
White Curled .....	.10	.20	.45	1.25

EGG PLANT

One ounce will produce about 1,000 plants.

	Pkt.	Oz.	$\frac{1}{4}$ lb.	lb.
Black Beauty	\$0.10	\$0.50	\$1.50	
New York Improved Spineless ..	.10	.50	1.50	

KALE or BORECOLE

One ounce will sow 150 feet of drill.

Much grown for the production of "greens" for late Autumn or Winter use, quality improved by frost, endures almost zero weather. Used when cooked, like Spinach, and in natural state for garnishing. Thin or transplant to stand about 2 feet apart each way.

	Pkt.	Oz.	$\frac{1}{4}$ lb.	lb.
Brown German	\$0.10	\$0.15	\$0.35	\$1.00
Dwarf Green Curled				
Scotch .....	.10	.15	.35	1.00
Siberian Kale or Sprouts ..	.10	.15	.30	.90

KOHL-RABI

One ounce will sow about 100 feet of drill.

	Pkt.	Oz.	$\frac{1}{4}$ lb.	lb.
Early White Vienna	\$0.10	\$0.25	\$0.65	\$2.25
Early Purple Vienna .....	.10	.25	.65	2.25

LEEK

One ounce will sow about 100 feet of drill.

	Pkt.	Oz.	$\frac{1}{4}$ lb.	lb.
American Flag .....	.10	.25	.70	2.25
Large Routen .....	.10	.25	.70	2.25
Musselburgh .....	.10	.25	.70	2.25

LETTUCE

One ounce will produce 3,000 plants.

**BOSTON LETTUCE**

	Pkt.	Oz.	$\frac{1}{4}$ lb.	lb.
All Seasons	\$0.10	\$0.20	\$0.50	\$1.25
Big Boston .....	.10	.20	.50	1.25
Boston Market .....	.10	.20	.50	1.25
Early Curled Simpson .....	.10	.20	.50	1.25
Golden Queen .....	.10	.20	.50	1.25
Grand Rapids .....	.10	.20	.50	1.25
Improved Hanson .....	.10	.20	.50	1.25
May King .....	.10	.20	.50	1.25
New York .....	.10	.20	.50	1.25
Salamander Improved .....	.10	.20	.50	1.25

ROMAINE or COS. LETTUCE

	Pkt.	Oz.	$\frac{1}{4}$ lb.	lb.
Paris White Cos. ....	.10	.20	.50	1.50
Trianon Self-Closing ..				
Cos. ....	.10	.20	.50	1.50

MUSTARD

One ounce will sow about 100 feet of drill.

	Pkt.	Oz.	$\frac{1}{4}$ lb.	lb.
Black	\$0.10	\$0.15	\$0.30	\$0.70
Chinese .....	.10	.15	.30	.70
Giant Southern Curled .....	.10	.15	.30	.70
White London .....	.10	.15	.30	.70

MUSKMELON

	Pkt.	Oz.	$\frac{1}{4}$ lb.	lb.
Emerald Gem	\$0.10	\$0.15	\$0.35	\$1.25
Extra Early Hackensack ..	.10	.15	.35	1.25
Jenny Lind .....	.10	.15	.35	1.25
Miller's Cream or Osage ..	.10	.15	.35	1.25
Montreal Market .....	.10	.15	.35	1.25
Nutmeg Improved .....	.10	.15	.35	1.25
Paul Rose .....	.10	.15	.35	1.25
Rocky Ford Improved .....	.10	.15	.35	1.25

WATERMELON

One ounce will plant about 50 hills.

	Pkt.	Oz.	$\frac{1}{4}$ lb.	lb.
Cole's Early	\$0.10	\$0.15	\$0.35	\$1.00
Florida Favorite .....	.10	.15	.35	1.00
Kolb's Gem .....	.10	.15	.35	1.00
Mountain Sweet .....	.10	.15	.35	1.00

ONIONS

One ounce will sow 100 feet of drill, 4 to 5 pounds, 1 acre.

	Pkt.	Oz.	$\frac{1}{4}$ lb.	lb.
Ailsa Craig	\$0.10	\$0.30	\$0.85	\$3.00
Bermuda Red .....	.10	.35	.85	3.00
Bermuda White .....	.10	.35	.85	3.00
Giant White Garganus ..				
or Silver King .....	.10	.35	.85	3.00
Prizetaker .....	.10	.35	.85	3.00
Queen .....	.10	.35	.85	3.00
Southport White Globe ..	.10	.40	1.10	4.00
Southport Yellow Globe ..	.10	.40	1.10	4.00
Southport Red Globe .....	.10	.40	1.10	4.00
Red Wethersfield .....	.10	.35	.85	3.00
White Portugal, or				
Silver Skin .....	.10	.30	.80	2.75
Yellow Globe Danvers ..	.10	.40	1.10	4.00

ONION SETS

	Pt.	Qt.	Peck
Red Onion Sets	\$0.30	\$0.50	\$2.00
Yellow Onion Sets .....	.25	.40	1.75
White Onion Sets .....	.30	.50	2.00

Prices of Onion Sets in larger quantities on application.

OKRA

One ounce will plant 100 hills.

	Pkt.	Oz.	$\frac{1}{4}$ lb.	lb.
Dwarf Prolific	\$0.10	\$0.15	\$0.25	\$0.70
Improved Long Green .....	.10	.15	.25	.70
White Velvet .....	.10	.15	.25	.70

PARSLEY

	Pkt.	Oz.	$\frac{1}{4}$ lb.	lb.
Extra Double Curled	\$0.10	\$0.15	\$0.40	\$1.00
Emerald .....	.10	.20	.40	1.00
Hamburg .....	.10	.20	.50	1.25
Plain Leaved .....	.10	.15	.35	.90

PARSNIP

One ounce will plant about 150 feet of drill, 5 or 6 lbs. to acre.

	Pkt.	Oz.	$\frac{1}{4}$ lb.	lb.
Hollow Crown	\$0.10	\$0.15	\$0.30	\$0.90

PEAS



AMERICAN WONDER PEAS

One pound will plant about 100 feet of drill,
1½ to 2 bushels an acre.

FIRST EARLY

	Pkt.	½ lb.	lb.	2 lbs.	8 lbs.
American Wonder.....	\$0.10	\$0.25	\$0.40	\$0.70	\$2.00
Alaska .....	.10	.20	.35	.60	1.75
MacNiff's Earliest-of-all .....	.10	.20	.35	.60	1.75
Gradus or Prosperity .....	.10	.25	.40	.70	2.00
Little Gem .....	.10	.25	.40	.70	2.00
Little Marvel .....	.10	.25	.40	.70	2.00
Nott's Excelsior .....	.10	.25	.40	.70	2.00
Premium Gem .....	.10	.25	.40	.70	2.00
Springtide .....	.10	.25	.40	.70	2.00
Thomas Laxton .....	.10	.25	.40	.70	2.00

SECOND-EARLY or MID-SEASON

	Pkt.	½ lb.	lb.	2 lbs.	8 lbs.
Advancer	\$0.10	\$0.25	\$0.40	\$0.70	\$2.00
Everbearing .....	.10	.25	.40	.70	2.00
Laxtonian .....	.10	.25	.40	.70	2.00
Onward .....	.10	.25	.40	.70	2.00
Stratagem .....	.10	.25	.40	.70	2.00

LATE OR MAIN CROP

	Pkt.	½ lb.	lb.	2 lbs.	8 lbs.
Champion of England	\$0.10	\$0.25	\$0.40	\$0.70	\$2.00
Juno .....	.10	.25	.40	.70	2.00
Shropshire Hero .....	.10	.25	.40	.70	2.00
Telephone .....	.10	.25	.40	.70	2.00
World's Record .....	.10	.25	.40	.70	2.00

PEPPER

One ounce will produce about 1,500 plants.

	Pkt.	Oz.	¼ lb.
Large Bell, or Bull Nose ..	\$0.10	\$0.40	\$1.25
Long Red Cayenne .....	.10	.40	1.25
Ruby King .....	.10	.40	1.25
Sweet Mountain .....	.10	.40	1.25

PUMPKIN

One ounce for 25 hills; 3 pounds for an acre.

	Pkt.	Oz.	¼ lb.	lb.
Connecticut Field	\$0.10	\$0.15	\$0.30	\$0.80
Jumbo, or King of Mammoths .....	.10	.25	.60	1.50
Large Cheese .....	.10	.15	.25	.75
Large or Mammoth Tour ..	.10	.20	.50	1.50
New England Pie .....	.10	.15	.40	1.25
Winter Luxury .....	.10	.15	.40	1.25

RADISH
EARLY SCARLET TURNIP

RADISH

One ounce will sow about 100 feet of drill.

EARLY TURNIP-SHAPED VARIETIES

	Pkt.	Oz.	¼ lb.	lb.
Early Scarlet Turnip	\$0.10	\$0.15	\$0.30	\$0.90
Early White Turnip .....	.10	.15	.30	.90
Early Scarlet Globe .....	.10	.15	.30	.90
Rapid Forcing .....	.10	.15	.30	.90
White Tipped Early Scarlet Turnip .....	.10	.15	.30	.90

OLIVE-SHAPED VARIETIES

	Pkt.	Oz.	¼ lb.	lb.
French Breakfast	\$0.10	\$0.15	\$0.25	\$0.90

EARLY LONG VARIETIES

	Pkt.	Oz.	¼ lb.	lb.
Icicle	\$0.10	\$0.15	\$0.30	\$0.90
Long Scarlet Short Top ..	.10	.15	.30	.90
Long White Vienna, or Lady Finger .....	.10	.15	.30	.90

SUMMER VARIETIES

	Pkt.	Oz.	¼ lb.	lb.
Giant White Stuttgart ..	\$0.10	\$0.15	\$0.30	\$0.90
White Strasburg .....	.10	.15	.30	.90

WINTER VARIETIES

	Pkt.	Oz.	¼ lb.	lb.
Long Black Spanish	\$0.10	\$0.15	\$0.30	\$0.90
Rose China Winter .....	.10	.15	.30	.90
White Celestial .....	.10	.15	.30	.90

RHUBARB

SEE RHUBARB ROOTS PAGE 23

SALSIFY or OYSTER PLANT

One ounce will sow 50 feet of drill.

The roots of Salsify are a highly esteemed nutritious Winter vegetable, some of which may be dug up in November, and stored in sand in the vegetable cellar, and some left in the open garden for use very early in the following Spring.

Mammoth Sandwich Island, Pkt., 10c; oz., 25c; ¼ lb., 75c; lb. \$2.50.

SPINACH

One ounce will sow about 100 feet of drill;
10 to 12 pounds an acre.

	Pkt.	Oz.	¼ lb.	lb.
Long Standing	\$0.10	\$0.15	\$0.25	\$0.60
New Zealand .....	.10	.15	.30	.85
Norfolk				
Savoy-Leaved .....	.10	.15	.20	.50
Prickly Seeded .....	.10	.15	.20	.50
Round Thick-Leaved .....	.10	.15	.20	.50
Victoria .....	.10	.15	.20	.50
Viroflay .....	.10	.15	.20	.50

SWISS CHARD

	Pkt.	Oz.	¼ lb.	lb.
Lucullus	\$0.10	\$0.15	\$0.35	\$0.90
Fordhook Giant .....	.10	.15	.35	.90

SORREL

One ounce will sow 100 feet of drill.

Broad-Leaved French, Pkt., 10c; oz., 25c; ¼ lb., 60c.

SQUASH**SUMMER VARIETIES**

	Pkt.	Oz.	¼ lb.	lb.
Giant Bush Summer				
Crookneck	\$0.10	\$0.20	\$0.50	\$1.25
Golden Custard .....	.10	.20	.50	1.25
Vegetable Marrow .....	.10	.20	.50	1.25
White Bush Scalloped, or "Patty Pan" .....	.10	.20	.50	1.25

AUTUMN or WINTER VARIETIES

	Pkt.	Oz.	¼ lb.	lb.
Boston Marrow	\$0.10	\$0.15	\$0.45	\$1.25
Golden Hubbard .....	.10	.20	.50	1.45
Hubbard .....	.10	.20	.60	1.75

TOMATOES**SECOND, EARLY AND MAIN CROP VARIETIES**

	Pkt.	Oz.	¼ lb.	lb.
Acme	\$0.10	\$0.40	\$1.25	
Beauty .....	.10	.50	1.75	
Crimson Cushion .....	.10	.50	1.75	
Dwarf Champion .....	.10	.45	1.30	
Dwarf Stone .....	.10	.45	1.50	
Earliana .....	.10	.40	1.25	
Livingston's Globe .....	.10	.40	1.25	
Ponderosa .....	.15	.60	1.75	
Stone .....	.10	.40	1.25	

TOMATOES (Continued)**Preserving Tomatoes**

	Pkt.	Oz.	¼ lb.	lb.
Red Cherry	\$0.10	\$0.65	\$1.75	
Red Plum .....	.10	.65	1.75	
Red Peach .....	.10	.65	1.75	
Red Pear .....	.10	.65	1.75	
Yellow Cherry .....	.10	.65	1.75	
Yellow Pear .....	.10	.65	1.75	
Yellow Plum .....	.10	.65	1.75	

TURNIPS**WHITE VARIETIES**

One ounce will sow 200 feet of drill; 1 to 2 pounds an acre.

	Pkt.	Oz.	¼ lb.	lb.
Early White Milan	\$0.10	\$0.15	\$0.30	\$0.90
Extra Early Purple				
Top Milan .....	.10	.15	.30	.90
Early Snowball .....	.10	.15	.30	.90
Early White Flat Dutch .....	.10	.15	.30	.90
Long White, or Cow				
Horn .....	.10	.15	.30	.90
Purple Top White Globe .....	.10	.15	.30	.90
Red, or Purple Top				
Strap Leaf .....	.10	.15	.30	.75
White Egg .....	.10	.15	.30	.75

YELLOW VARIETIES

	Pkt.	Oz.	¼ lb.	lb.
Golden Ball or Orange				
Jelly	\$0.10	\$0.15	\$0.30	\$0.75
Purple Top Yellow				
Aberdeen .....	.10	.15	.30	.75
Yellow Globe .....	.10	.15	.30	.75
Yellow Stone .....	.10	.15	.30	.75

RUTA BAGA**RUSSIAN, or SWEDISH TURNIP**

	Pkt.	Oz.	¼ lb.	lb.
Improved American				
Purple Top	\$0.10	\$0.15	\$0.30	\$0.80
Long Island Improved .....	.10	.15	.30	.80

HERBS

	Pkt.	Oz.	lb.
Anise	\$0.10	\$0.25	
Balm .....	.10	.50	
Basil, Sweet .....	.10	.25	
Borage .....	.10	.25	
Caraway .....	.10	.25	
Cardoon .....	.10	.40	
Catnip or Catmint .....	.15	.65	
Chives .....	.15	.75	
Coriander .....	.10	.20	
Dill .....	.10	.15	
Fennel, Sweet .....	.10	.20	
Horehound .....	.10	.45	
Lavender .....	.10	.60	
Sweet Marjoram .....	.10	.35	
Rosemary .....	.10	.75	
Rue .....	.10	.45	
Saffron .....	.10	.40	
Sage .....	.10	.65	
Summer Savory .....	.10	.25	
Tarragon .....	.25	1.25	
Thyme .....	.10	.75	
Wormwood .....	.10	.45	

FLOWER SEEDS

WILD FLOWER—GRANDMOTHER'S

This collection contains many of the leading varieties of ANNUAL and PERENNIAL FLOWER SEEDS. The Annual Varieties will bloom the first season after sowing of seeds, and the following season the perennial varieties will blossom. Sow the above seeds in permanent border for best results.

Price, Pkt. 10c; 1 oz., 30c; 4 ozs., \$1.00; 1 lb., \$2.00

ASTERS

Sample's Branching Asters. Of American origin; late blooming, tall and producing a unique type of remarkably handsome, large blooms on long stems, unsurpassed for cutting. Separate colors as follows:

White	Crimson	
Lavender	Dark Blue	
Purple	Mixed Colors	
Rose Pink		
Pkt.	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.
\$0.10	\$0.30	\$0.50

Queen of the Early Asters. Valuable especially for their early blooming habit; flowers of medium size, appearing 2 to 4 weeks before those of the larger flowering varieties.

Rose Pink	Dark Blue	
White	Purple	
Crimson	Mixed Colors	
Pkt.	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.
\$0.10	\$0.30	\$0.50

Asters Victoria. Mixed Colors.

Asters Giant Comet. Mixed Colors.

Aster Crysanthemum. Mixed Colors.

Pkt.	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.
\$0.10	\$0.30	\$0.50

SWEET ALYSSUM

	Pkt.	$\frac{1}{4}$ oz.	1 oz.
Carpet of Snow	\$0.10	\$0.25	\$0.75
Little Gem .....	.10	.25	.75
Maritimum .....	.10	.15	.25

ACHILLEA

Hardy Perennial. Small Double White flowers throughout the season.

	Pkt.	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.
The Pearl	\$0.10	\$0.75	\$1.25

AGERATUM

	Pkt.	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.
Mexicanum White	\$0.10	\$0.20	\$0.35
Mexicanum Blue .....	.10	.20	.35
Little Dorrit Blue .....	.10	.25	.40
Little Dorrit White .....	.10	.25	.40

AGROSTEMMA

	Pkt.	$\frac{1}{4}$ oz.	1 oz.
Coronaria Finest Mixed	\$0.10	\$0.25	\$0.60

AMARANTHUS

	Pkt.	$\frac{1}{4}$ oz.	1 oz.
Tricolor Splendens (Joseph's Coat)	\$0.10	\$0.25	\$0.75

ANEMONE (Wind Flower)

Hardy Perennial, Beautiful Showy flowers.

	Pkt.	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.
St. Brigid mixed colors	\$0.10	\$0.50	\$0.75

AQUILEGIA (Columbine)

	Pkt.	$\frac{1}{4}$ oz.	1 oz.
Single Varieties, Mixed	\$0.10	\$0.25	\$0.75
Double Varieties, Mixed .....	.10	.35	1.25

BALSAM (Lady's Slipper)

	Pkt.	$\frac{1}{4}$ oz.	1 oz.
Finest Double Mixed	\$0.10	\$0.20	\$0.75

BEGONIA

	Pkt.	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.
Vernon	\$0.25	\$1.25	\$4.00

BELLIS PERENNIS

(English Daisy)

	Pkt.	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.
Monstrosa Pink	\$0.10	\$1.00	\$1.50
Monstrosa Red .....	.10	1.00	1.50
Monstrosa White .....	.10	1.00	1.50
Monstrosa Mixed Colors .....	.10	.35	.60

CALLIOPSIS or COREOPSIS

	Pkt.	$\frac{1}{4}$ oz.	1 oz.
Drummondii (Golden Wave)			
Annual	\$0.10	\$0.25	\$0.75
Lanceolata, Large, Golden			
Yellow Perennial .....	.10	.25	.75

CALENDULA

(Pot Marigold)

	Pkt.	$\frac{1}{4}$ oz.	1 oz.
Meteor	\$0.10	\$0.25	\$0.75
Prince of Orange .....	.10	.25	.75
Finest Mixed Varieties .....	.10	.25	.75

CAMPARULA**CANTERBURY BELLS**

Hardy perennials bearing bell-shaped flowers; good border plants.

	Pkt.	¼ oz.	1 oz.
Single Mixed	\$0.10	\$0.25	\$0.75
Double Mixed .....	.10	.35	.100

CANARY BIRD VINE

Tall climbing annual, Yellow Fringed Flowers.

	Pkt.	¼ oz.	½ oz.
	\$0.10	\$0.20	\$0.30

CANDYTUFT**(Iberis)****ANNUAL VARIETIES**

	Pkt.	¼ oz.	1 oz.
Empress, Pure white, Large truss	\$0.10	\$0.30	\$0.75
Hybrids, Dwarf, mixed .....	.10	.25	.75

CARDINAL CLIMBER

	Pkt.	¼ oz.	1 oz.
Quamolit Scarlet	\$0.10	\$0.30	\$1.00

CASTOR OIL PLANT**(See Ricinus)****CHRYSANTHEMUM****ANNUAL VARIETIES**

	Pkt.	¼ oz.	1 oz.
Single Varieties in Many Colors, Mixed	\$0.10	\$0.25	\$0.75
Double Varieties, mixed .....	.10	.25	.75
Hardy Perennial, mixed .....	.10	.35	1.00

CARNATIONS

	Pkt.	½ oz.	¼ oz.
Hardy Garden, Finest Mixed Double	\$0.10	\$0.50	\$0.75
Giant Margaret, Finest Mixed .....	.10	.30	.50

CELOSIA CRISTATA**(Cockscomb)**

	Pkt.	¼ oz.	1 oz.
Tall Mixed Colors	\$0.10	\$0.50	\$1.00
Dwarf Mixed .....	.10	.65	1.75

CELOSIA, THOMPSON'S FEATHERED**Feathered or Plumed Celosia**

	Pkt.	¼ oz.	1 oz.
Mixed Colors	\$0.10	\$0.35	\$1.00

CHILDSII**(Chinese Wool Flower)**

	Pkt.	¼ oz.	1 oz.
Mixed Varieties	\$0.10	\$0.75	\$1.75

CLARKIA ELEGANS

An annual that grows to a height of about two feet and does well in any soil.

	Pkt.	¼ oz.	1 oz.
	\$0.10	\$0.35	\$1.25

CORN FLOWER**(Centaurea Cyanus)**

(Also called Blue Bottle, Bachelor's Button and Ragged Sailor.)

	Pkt.	⅛ oz.	¼ oz.
Single Mixed, Cyanus	\$0.10	\$0.20	\$0.35
Double Mixed, Cyanus .....	.10	.25	.35
Double Dark Blue, Cyanus .....	.10	.25	.35
Emperor William .....	.10	.20	.35

IMPERIAL SWEET SULTANS**(Centaurea Imperialis)**

	Pkt.	⅛ oz.	¼ oz.
Imperialis, Mixed Colors	\$0.10	\$0.20	\$0.25

CENTAUREA**SILVER-LEAVED VARIETIES**

	Pkt.	⅛ oz.	¼ oz.
Candidissima	\$0.10	\$0.25	\$0.45
Gymnocarpa (Dusty Miller) .....	.10	.15	.25

COBAEA

	Pkt.	¼ oz.	1 oz.
Scandens, Blue	\$0.10	\$0.25	\$0.90
Scandens, White .....	.10	.30	1.15

CONVOLVULUS**(Morning Glory)**

	Pkt.	oz.	¼ lb.
Major, mixed varieties, tall	\$0.10	\$0.15	\$0.30
Dwarf mixed varieties .....	.10	.15	.30

COSMOS**EARLY FLOWERING DWARF MIXED**

	Pkt.	¼ oz.	1 oz.
	\$0.10	\$0.25	\$0.75
Early Double Crested, mixed	Pkt.	\$0.10	

LATE GIANT-FLOWERING TALL COSMOS

	Pkt.	¼ oz.	1 oz.
Pink, White, Crimson	\$0.10	\$0.30	\$0.75
Lady Lenox, Pink .....	.10	.30	.75
Lady Lenox, White .....	.10	.30	.75
Mixed .....	.10	.30	.75

CYPRESS VINE**(Ipomaea Quamoclit)**

	Pkt.	¼ oz.	1 oz.
Mixed	\$0.10	\$0.15	\$0.35

DAHLIA

	Pkt.	⅛ oz.	¼ oz.
Single Mixed	\$0.10	\$0.25	\$0.40
Double Mixed .....	.10	.35	.60

DELPHINIUM**(Perennial Larkspur)**

	Pkt.	⅛ oz.	¼ oz.
Bella Donna, Light Blue	\$0.15	\$0.50	\$0.85
Chinese (Blue Butterfly) .....	.10	.40	.75
Finest Mixed Chinensis .....	.10	.40	.75
Formosum Blue .....	.15	.75	1.25
Gold Medal Hybrids, mixed .....	.15	.75	1.25

DIANTHUS**DIANTHUS**
(Pinks)**DOUBLE ANNUAL VARIETIES**

	Pkt.	1/4 oz.	1 oz.
Chinensis fl. pl. Mixed.....	\$0.10	\$0.30	\$0.75

SINGLE ANNUAL VARIETIES

	Pkt.	1/4 oz.	1 oz.
Chinensis, Single Mixed	\$0.10	\$0.30	\$0.75
Heddewigii, Single flowered form .....	.10	.30	.75

DIDISCUS COERULEUS

	Pkt.	1/8 oz.	1/4 oz.
Blue Lace Flower.....	\$0.10	\$0.25	\$0.50

DIGITALIS

(Foxglove)

Gloxinoides Varieties. Flowers Resemble Gloxinia blooms.

	Pkt.	1/4 oz.	1 oz.
Finest Mixed	\$0.10	\$0.30	\$0.75

DOLICHOS

(Climbing Bean)

	Pkt.	1/4 oz.	1 oz.
Hyacinth Bean, Mixed Colors	\$0.10	\$0.15	\$0.30

ESCHOLTZIA

(California Poppy)

	Pkt.	1/4 oz.	1 oz.
Finest Mixed Single	\$0.10	\$0.25	\$0.75
Finest Mixed Double.....	.10	.30	1.00

EUPHORBIA

	Pkt.	1/4 oz.	1 oz.
Variegata	\$0.10	\$0.25	\$0.75

GAILLARDIA

(Blanket Flower)

ANNUAL VARIETIES

	Pkt.	1/4 oz.	1 oz.
Lorenzia, fl. pl. mixed.....	\$0.10	\$0.25	\$0.75

GAILLARDIA PERENNIAL VARIETIES

	Pkt.	1/4 oz.	1 oz.
Grandiflora. Mixed	\$0.10	\$0.35	\$1.00

GODETIA

	Pkt.	1/4 oz.	1 oz.
Tall Finest Mixed	\$0.10	\$0.30	\$0.75

GOURDS

(Ornamental)

	Pkt.	1/4 oz.	1 oz.
Ornamental Finest Mixed.....	\$0.10	\$0.15	\$0.30

GYPSOPHILA

(Baby's Breath)

	Pkt.	1/4 oz.	1 oz.
Paniculata White	\$0.10	\$0.25	\$0.50

HELIANTHUS

(Sunflower)

SINGLE ANNUAL VARIETIES

	Pkt.	1/4 oz.	1 oz.
Cucumerifolius Stella (Cut-and-Come-Again)	\$0.10	\$0.20	\$0.50

DOUBLE ANNUAL VARIETIES

	Pkt.	1/4 oz.	1 oz.
Tall Double Mixed	\$0.10	\$0.20	\$0.60

HELICHRYSUM

(Strawflower)

	Pkt.	1/4 oz.	1 oz.
Monstrosum fl. pl. Fine Mixed	\$0.10	\$0.25	\$0.75

**HOLLYHOCK—DOUBLE****HOLLYHOCK****CHARTER'S STRAIN, DOUBLE VARIETIES BIENNIALS**

White Crimson Rose	Scarlet Yellow Newport Pink
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	Pkt.	1/8 oz.	1/4 oz.
Above named varieties	\$0.10	\$0.35	\$0.60
Tall Double Mixed.....	.10	.30	.50

HUMULUS JAPONICUS**(Japanese Hop)**

	Pkt.	$\frac{1}{4}$ oz.	1 oz.
Japonicus Climber	\$0.10	\$0.30	\$0.50

IPOMOEA

	Pkt.	1 oz.	4 oz.
Imperial Japanese Climbing			
Morning Glory	\$0.10	\$0.20	\$0.50
White Moon Flower .....	.10	.50	1.50

KOCHIA

	Pkt.	$\frac{1}{2}$ oz.	1 oz.
Trichophylla. Summer Cypress			
or Mexican Firebush	\$0.10	\$0.15	\$0.30

LARKSPUR**DOUBLE STOCK-FLOWERED ANNUAL TYPE**

	Pkt.	$\frac{1}{4}$ oz.	1 oz.
Tall, Stock-Flowered Mixed	\$0.10	\$0.30	\$1.00
Dwarf, Stock-Flowered Mixed .....	.10	.25	.75

LATHYRUS LATIFOLIUS**(Hardy Pea)**

	Pkt.	$\frac{1}{4}$ oz.	1 oz.
Mixed Colors	\$0.10	\$0.40	\$0.80

LOBELIA**ANNUAL DWARF COMPACTA**

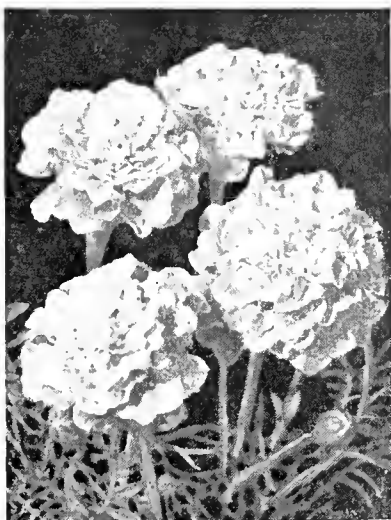
	Pkt.	$\frac{1}{4}$ oz.	1 oz.
Emperor William Blue	\$0.10	\$0.50	\$1.50

LUNARIA (Honesty)**(Biennis)**

	Pkt.	$\frac{1}{4}$ oz.	1 oz.
Violet	\$0.10	\$0.50	\$1.50

LUPINUS

	Pkt.	$\frac{1}{4}$ oz.	1 oz.
Mixed Colors	\$0.10	\$0.15	\$0.30

**FRENCH MARIGOLD****MARIGOLD**

	Pkt.	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.
Little Brownie.			
Legion of Honor	\$0.10	\$0.15	\$0.25
African Tall, Mixed .....	.10	.20	.35
French Dwarf, Mixed .....	.10	.20	.35
Guinea Gold .....	.15	.50	.75

MARVEL OF PERU**(Four O'Clock)**

	Pkt.	1 oz.	4 oz.
Mixed	\$0.10	\$0.15	\$0.50

MIGNONETTE**(Reseda)**

	Pkt.	$\frac{1}{4}$ oz.	1 oz.
Machet Perfection	\$0.10	\$0.25	\$0.80
Odorata .....	.10	.20	.35

MOMORDICA

	Pkt.	$\frac{1}{4}$ oz.	1 oz.
Balsamina—(Balsam Apple)	\$0.10	\$0.40	\$0.75

MYOSOTIS**(Forget-Me-Not)**

	Pkt.	$\frac{1}{4}$ oz.	1 oz.
Alpestris Blue	\$0.10	\$0.30	\$0.75

NASTURTIUMS**(Tropaeolum)**

	Pkt.	Oz.	$\frac{1}{4}$ lb.	Lb.
Finest Mixed, Tall	\$0.10	\$0.15	\$0.45	\$1.00
Finest Mixed, Dwarf .....	.10	.15	.45	1.00

NASTURTIIUM

	Pkt.	1 oz.	$\frac{1}{4}$ lb.
Golden Gleam Double	\$0.10	\$0.20	\$0.75
Scarlet Gleam Double .....	.25		

NICOTIANA**(Sweet-Scented Tobacco)**

	Pkt.	$\frac{1}{4}$ oz.	1 oz.
Affinis	\$0.10	\$0.40	\$0.75

NIGELLA**(Love in the-mist)**

	Pkt.	$\frac{1}{4}$ oz.	1 oz.
Damascena, Devil-in-the			
Bush Blue	\$0.10	\$0.20	\$0.60

PANSIES



PANSY

	Pkt.	1/8 oz.	1/4 oz.
MacNiff's Special Mixture.....	\$0.15	\$0.50	\$0.75
Trimardeau Mixed .....	.10	.35	.60

PENTSTEMON

	Pkt.	1/8 oz.	1/4 oz.
Mixed	\$0.15	\$0.60	\$1.00

PETUNIAS

	Pkt.	1/4 oz.	1 oz.
Single Mixed Colors	\$0.10	\$0.30	\$0.75
Double Mixed Colors .....	.30		
Balcony Blue .....	.25		
Balcony Mixed .....	.25		

PORTULACA

SINGLE GRANDIFLORA

	Pkt.	1/4 oz.	1 oz.
Finest Mixed	\$0.10	\$0.20	\$0.60

DOUBLE GRANDIFLORA

	Pkt.	1/8 oz.	1/4 oz.
Finest Mixed	\$0.10	\$0.45	\$0.85

POPPIES

SINGLE ANNUAL VARIETIES

	Pkt.	1/4 oz.	1 oz.
Glaucum (Tulip Poppy).....	\$0.10	\$0.30	\$0.75
Shirley Mixed10	.15	.30

DOUBLE ANNUAL VARIETIES

Paenoy-Flowered Mixed	\$0.10	\$0.15	\$0.30
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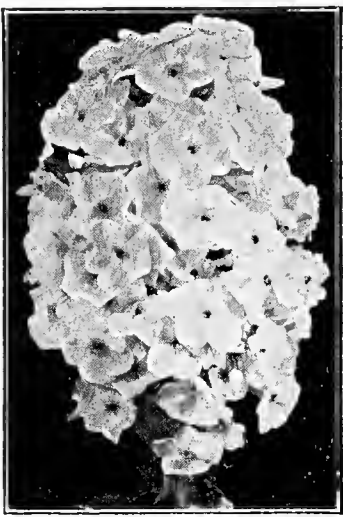
PERENNIAL VARIETIES

	Pkt.	1/4 oz.	1 oz.
Orientele Scarlet	\$0.10	\$0.50	\$1.50
Orientele Mixed colors10	.70	2.00
Flanders Field Scarlet .....	.10	.15	.40

PYRETHRUM

	Pkt.	1/8 oz.
Double Hybrids Mixed	\$0.15	\$1.00

PHLOX DRUMMONDI



PHLOX

PHLOX DRUMMONDI
(ANNUAL PHLOX)

	Pkt.	1/8 oz.	1/4 oz.
Grandiflora Varieties			
Crimson .....	.10	.30	.50
Lilac .....	.10	.30	.50
White .....	.10	.30	.50
Flesh .....	.10	.30	.50
Primrose .....	.10	.30	.50
Grandiflora, Mixed .....	.10	.20	.35
Perennial Decussata, Large			
Flowering. Tall Hybrids.			
Mixed .....	.10	.40	.75

RICINUS

(Castor Oil Plant)

	Pkt.	1/2 oz.	1 oz.
Gibsoni	\$0.10	\$0.15	\$0.20
Sanguineus .....	.10	.15	.20
All Species Mixed .....	.10	.15	.20

RUDBECKIA

	Pkt.	1/4 oz.	1 oz.
Yellow Golden Glow.....	\$0.10	\$0.35	\$1.00

SALPIGLOSSIS

(Painted Tongue)

	Pkt.	1/4 oz.	1 oz.
Grandiflora. Mixed	\$0.10	\$0.40	\$1.00

SALVIA

(Flowering Sage)

	Pkt.	1/8 oz.	1/4 oz.
Bonfire (Clara Bedman).....	\$0.10	\$0.35	\$0.65
Splendens .....	.10	.30	.50

SCABIOSA

(Mourning Bride)

ANNUAL VARIETIES

	Pkt.	1/4 oz.	1 oz.
Tall Double. Finest Mixed	\$0.10	\$0.25	\$0.50

SNAPDRAGON**SNAPDRAGON**

	Pkt.	½ oz.	¼ oz.
Giant Flowering Tall, Finest mixed varieties	\$0.10	\$0.25	\$0.40
Dwarf Varieties Mixed Colors.....	.10	.35	.65

SWEET PEAS**GIANT ORCHID-FLOWERED, or
SPENCER SWEET PEAS**

This type of Sweet Peas, variously called "Orchid-Flowered," "Spencer" and "Waved" Sweet Peas, is for most uses a great improvement on the "Grandiflora" type. The Vines are very robust and tall; the wavy-petaled flowers are large and three or four often are borne on each of the very strong stems.

This collection of Sweet Peas is composed entirely of the large flowered Spencer type. The making up of this mixture has been performed under entirely careful supervision.

This is an unsurpassed mixture of Sweet Peas.

	Pkt.	1 oz.	4 oz.	1 lb.
Spencer Mixed	\$0.10	\$0.25	\$0.60	\$1.75

STOKESIA**(Cornflower Astor)**

	Pkt.	¼ oz.	1 oz.
Cyanea, Mixed	\$0.10	\$1.00	\$2.50

STOCKS**(Ten Week)****GIANT DOUBLE-FLOWERED**

	Pkt.	½ oz.	¼ oz.
Dwarf Double Mixed	\$0.10	\$0.30	\$0.50
Tall Double Mixed.....	.10	.30	.50

SCHIZANTHUS**(Butterfly Flower)**

	Pkt.	¼ oz.	1 oz.
Hybridus Grandiflorus	\$0.10	\$0.15	\$0.50
Finest Mixed	\$0.10	\$0.15	\$0.50

SWEET WILLIAM**(Dianthus Barbatus)**

	Pkt.	¼ oz.	1 oz.
Single Mixed	\$0.10	\$0.30	\$0.60
Double Mixed .....	.10	.40	1.00

VERBENA**MAMMOTH FLOWERING**

	Pkt.	¼ oz.	1 oz.
Hybrida Choice Mixed.....	\$0.10	\$0.50	\$1.00

VINCA**(Madagascar Periwinkle)**

	Pkt.	¼ oz.	1 oz.
Alba Pura, Pure White.	\$0.10	\$0.30	\$1.00
Rosea, Pink .....	.10	.30	1.00
Mixed Colors .....	.10	.25	.75

WALLFLOWER**ANNUAL VARIETIES**

	Pkt.	¼ oz.	1 oz.
Single Finest Mixed.....	\$0.10	\$0.20	\$0.75
Double Mixed .....	.15	.80	3.00

**DAHLIA FLOWERED ZINNIA****ZINNIA****GIANT-FLOWERED DOUBLE VARIETIES**

	Pkt.	¼ oz.	1 oz.
Dwarf Giant Flowering mixed.....	\$0.10	\$0.30	\$1.00
Tall Giant Flowering mixed.....	.10	.30	1.00

SCARLET**YELLOW****LILAC****WHITE****PINK****ROSE**

	Pkt.	¼ oz.	1 oz.
All above varieties	\$0.10	\$0.30	\$1.00

DAHLIA FLOWERED ZINNIAS

These mammoth flowering Zinnias have been named Dahlia Flowering on account of the immense size of the blooms.

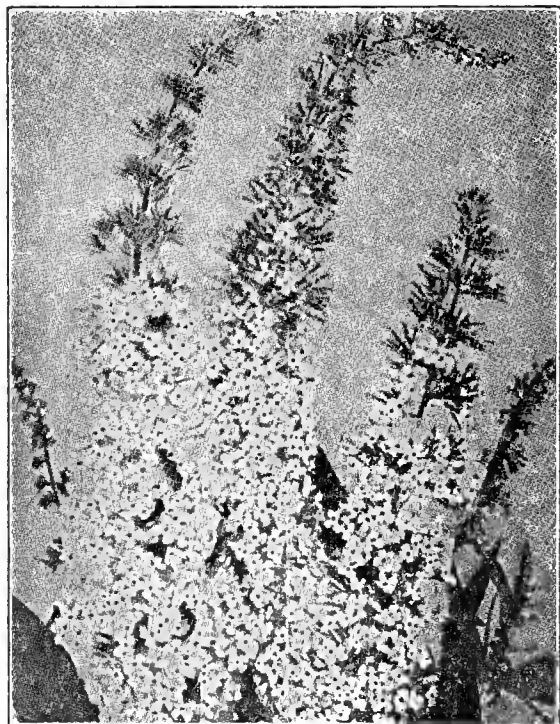
SCARLET**YELLOW****PINK****ROSE****WHITE**

	Pkt.	¼ oz.	1 oz.
All above varieties	\$0.15	\$0.50	\$1.25
Mixed Colors .....	.10	.50	1.25

DECIDUOUS FLOWERING SHRUBS

All Shrubs listed below are strong two and three-year-old plants.

Almond Pink. Beautiful double rose-shaped blooms on full length of stem in May. Extra strong Plants.....	Each .50	Coral Berry. See <i>Symphoricarpus</i> .	Each
Almonds White. Extra strong Plants.....	.50	Cornus Florida. Large White Flowering Dogwood. Strong growing shrub or tree. Blossoms in May. Specimen Plants, 2 to 3 feet high.....	.65
Althea. Red Rose of Sharon, flowers in August. Extra large Plants.....	.25	Cornus Sanguinea. Well known red branched Dogwood. Very attractive in winter with its blood red branches. Plants 2 to 3 feet high.....	.45
Althea. Pink Rose of Sharon, Extra large Plants.....	.25	Cornus Stolonifera Lutea. Goldentwig Dogwood, excellent for Winter effects with its bright yellow bark. Plants 2 to 3 feet.....	.35
Althea. White Rose of Sharon, Extra large Plants.....	.25	Crab Flowering. See <i>Malus</i> .	
Aralia Pentaphylla. Very distinct shrub. Yellowish green flowers.....	.35	Cydonia Japonica. Red flowering Japanese Quince. Very beautiful. Flowers in April. Plants 18 to 24 inches.....	.40
Aronia Arbutifolia. Red chokeberry. White flowers, with red berries. Flowers in April and May. 3 to 4 foot specimen plants.....	.65	Plants 2 to 3 feet high.....	.50
Buddleia Magnifica. Summer lilac. Strong plants; blooms mid summer till frost. Extra strong Plants.....	.25	Dentzia Gracilis. Dwarf compact shrub. Pure white flowers. Price.....	.50
		Deutzia Fride of Rochester. Double Pink flowering. Plants 18 to 24 inches.....	.25
		Specimen Plants, 2 to 3 feet.....	.40
		Deutzia Lemoine. Double White flowering. 18 to 24 in. high.....	.35



BUDDLEIA BUTTERFLY BUSH



DEUTZIA LEMOINE

Bridal Wreath. See *Spiraea Thunbergii*.

Callicarpa Purpurea. White flowers, followed with violet berries. Flower August until mid-winter..... .50 |

Calycanthus. Sweet or strawberry shrub, Carolina Alspice. Flowers chocolate color. Blooms in May. Specimen Plants..... .35 |

Clethra Alnifolia. Fragrant white. Flowers during July and August. Specimen Plants 2 to 3 feet .. .50 |

Deutzias bloom in spring or early summer.

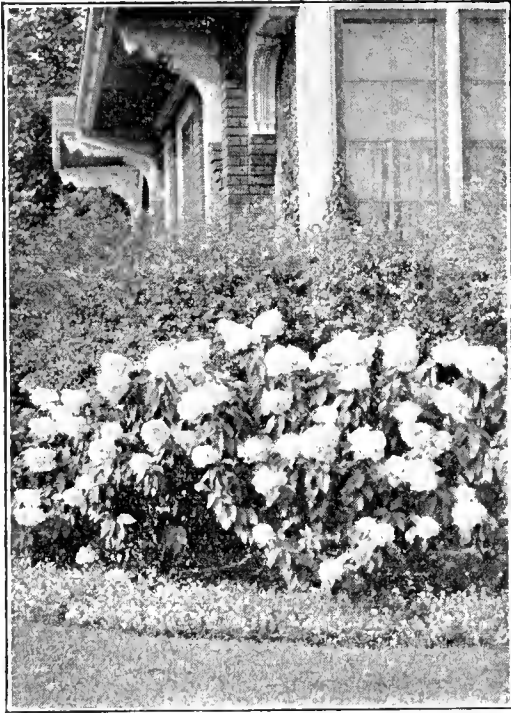
Dogwood. See *Cornus*.

Exochorda Grandiflora. Pearl Bush. Dazzling white flowers in May. Specimen Plants..... .50 |

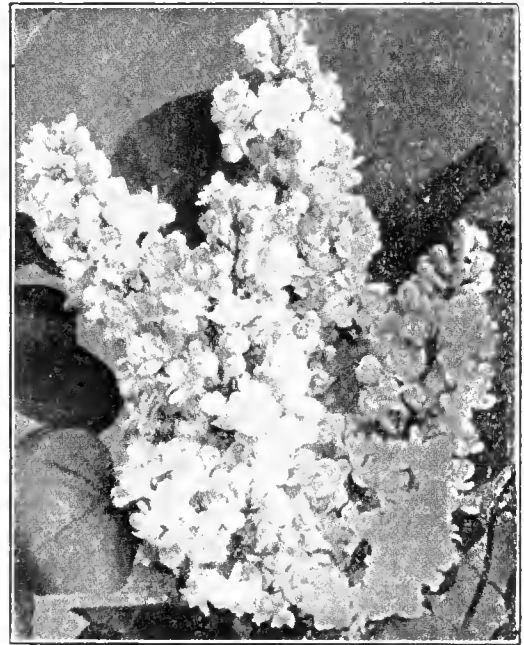
DECIDUOUS FLOWERING SHRUBS (Continued)

	Each		Each
Forsythia Fortueni. Golden Bell flowers in April. Medium size Plants, 2 to 3 feet high	.35	Honeysuckle Bush. See Lonicera.	
Extra large Plants, 3 to 4 feet	.50	Japan Quince. See Cydonia.	
Forsythia Suspensa. Golden Bells pendulous in habit. Beautiful Shrub blooms in April.		Kolkowitzia Amabilis. (Beauty Bush). These gorgeous bushes are a mass of pink flowers in May, resembling the Wegehia, and cover the entire bush.	
18 to 24 inches	.35	Plants, 18 to 24 inches	.50
Extra large Plants, 2 to 3 feet	.60	Kerria Japonica.	
Witch Hazel, Hamamelis Virginiana. Bright yellow flowers, in late Autumn. Price	.50	Yellow flowers, June to October.	
		Plants, 2 to 3 feet	.65

Lilac. Large purple flowering. Plants 18 to 24 inches	.25
Plants, 2 to 3 feet	.35



HYDRANGEA P. G. PLANTING



FRENCH LILACS

Hydrangea Paniculata Grandiflora. Bush Form. Large white cone-shaped flowers in late Summer, turning dark pink in Fall.	
Plants, 18 to 24 inches	.25
Plants, 2 to 3 feet	.35
Hydrangea Arborescens. Mountain of snow. Beautiful white flowering shrubs, grows 4 to 5 feet high. Large clusters of white flowers, measuring 4 to 6 inches across. Flowers from early June to late July.	
Plants, 18 to 24 inches, 25c ea., dozen	2.50
Plants 2 to 3 feet, 35c ea., dozen	3.50

TREE HYDRANGEA
See Ornamental Trees

Lilac. Large white flowering. Plants 18 to 24 inches	.35
Specimen Plants, 2 to 3 feet	.50

LILACS—FRENCH DWARF

Lilac Chas. X. Reddish purple, 18 to 24 inches	.50
Lilac Mme. Lemoine, white, 18 to 24 inches	.50
Lilac Pres. Grevy, Violet, 18 to 24 inches	.50
Lilac Ludwig Spaeth, Red, 18 to 24 inches	.50
Lonicera. Fragrantissima; Bush Honeysuckle. Specimen Plants, 2 to 3 feet	.35
Lonicera, Morrowii. Drooping habit, white flowers in May, bright red fruits during summer and autumn months. Plants 2 to 3 feet	.40

Mock Orange. See **Philadelphus.**

DECIDUOUS FLOWERING SHRUBS (Continued)

	Each
Philadelphus. Coronarius Mock Orange, also known as fragrant Syringa. Very sweet scented white flowers. Blooms in May. Plants, 18 to 24 inches.....	.25
Plants, 2 to 3 feet.....	.30
Specimen Plants, 3 to 4 feet.....	.40



MOCK ORANGE PHILADELPHUS VIRGINALIS

Philadelphus Virginalis. (8 foot). The best of all the Mock Oranges, with very fragrant semi-double flowers produced throughout the entire Summer in large clusters. Plants, 18 to 24 inches.....	.50
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Pussy Willow. See **Salix.**

Rose of Sharon. See **Althea.**

Salix Caprea. Pussy Willow. Very ornamental in Spring, with its Pussy buds and also a very rapid growth shrub for screen work. Plants, 2 to 3 feet.....	.25
Per dozen.....	2.50

Snowball. See **Viburnum.**

Snowberry and Coral Berry. See **Symphoricarpus.**

Spiraea Anthony Waterer. Dwarf habit grows about 2 feet. Purplish red flowers. In bloom entire Summer and Fall. Plants, 15 to 18 inches.....	.25
Plants, 18 to 24 inches.....	.35

	Each
Spiraea Billardi. Bright pink flowers during July and August. Plants, 2 to 3 feet.....	.35

Spiraea Prunifolia. Bridal Wreath Blooms early Spring, 2 to 3 feet.....	.60
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Spiraea Van Houttei. Graceful pendulas white flowers and beautiful foliage. Makes a wonderful hardy hedge and beautiful when grown as specimen plants. Blooms in June.	
	Each Dozen
Plants, 18 to 24 inches.....	.25 2.50
Plants, 2 to 3 feet.....	.30 3.00
Plants, 3 to 4 feet.....	.40 4.00



SPIRAEA VAN HOUTTEI

Stephandra Flexuosa. Leaves finely cut like the Japanese maple, which turn red in the Fall. Mass of small white blossoms. Very ornamental shrubs. Plants, 2 to 3 feet.....	.50
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Summer Lilac. See **Buddleia.**

Sweet Shrub. See **Calycanthus.**

Symphoricarpus. Racemosus. Snowberry. Pink flowers with white berries in the Fall. 2 to 3 feet.....	.35
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Symphoricarpus Vulgaris. Known as the Coral Berry. Has purple berries. Plants, 2 to 3 feet.....	.35
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DECIDUOUS FLOWERING SHRUBS (Continued)

Syringa. See **Philadelphus.**



YUCCA FILAMENTOSA

Adam's Needle

	Each
Yucca Filamintosa. Adam's Needle. Stems of white bell-shaped flowers, 4 to 6 ft. high. Very hardy and beautiful. Extra strong three-year old plants, each .....	.25
Dozen	2.50

Tamarix Africana. Has fine feathery foliage. Delicate pink flowers. Specimen Plants.....	.40
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Virburnum Opulus Sterile. Snowball. Very ornamental shrubs with white ball-shaped flowers. May and June. Plants, 2 to 3 feet, each50
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Virburnum Plicatum. Japanese Snowball. The white balls of flowers are often three inches across.	
Plants, 18 to 24 inches .....	.50
Plants, 2 to 3 feet.....	.70



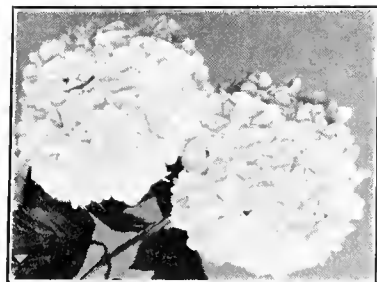
WEIGELA ROSEA

	Each
Weigelia Eva Rathke. The finest of all the Weigelias. Rich red flowers. Beautiful shrub.	
Plants, 18 to 24 inches .....	.60

Weigelia Rosea. Same habits as the Eva Rathke, only rose colored flowers instead of Red. Plants, 2 to 3 feet .....	.35
Specimen Plants .....	.65

Weigelia Variegata. Leaves are green and white variegated. Very ornamental and vigorous grower. Plants, 18 to 24 inches.....	.30
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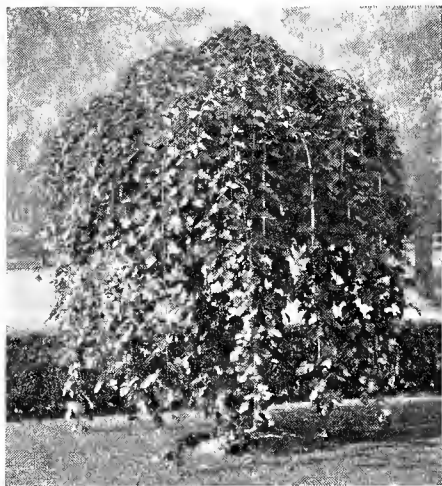
Witch Hazel. See **Hamamelis.**



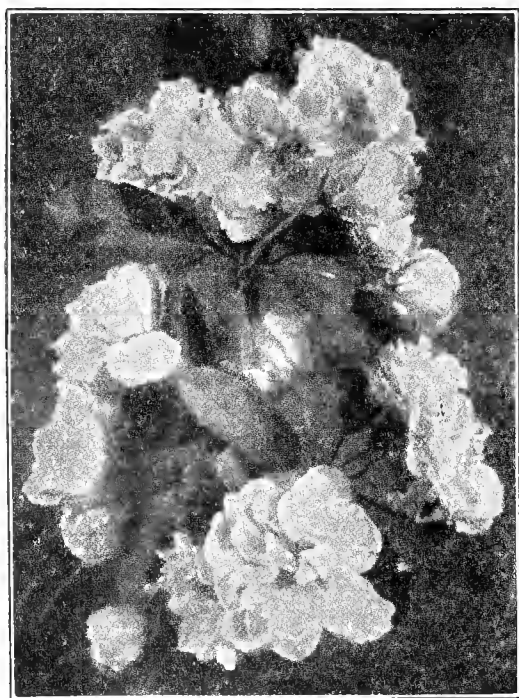
SNOWBALL

(Viburnum)

ORNAMENTAL AND FLOWERING TREES

**TEA'S WEEPING MULBERRY**

Teas Weeping Mulberry. A very ornamental dwarf tree for lawns. Straight stems, good crowns. 5 to 6 foot trees. Each..... 1.50

**MALUS BECHTELLI**

Malus Bechtelli. Double Flowering crab. Flowers resemble a small pink rose on the stems. Plants, 2 to 3 feet65

Dogwood. Red flowering (Cornus Rubra). This beautiful tree deserves a special place in your garden. Its lovely red flowers make an attractive sight in May and June. 4 foot trees 3.00

Hawthorne, Pauls Scarlet (Crataegus). A very popular and one of the best Hawthornes, with its very double, glowing flowers of deep scarlet in the Spring. Trees, 5 foot Each 1.75

Hydrangea Paniculata Grandiflora. Tree Form. Straight stems, good crowns. Very ornamental. Each..... .75
Per Dozen 7.50

Japanese Cherry Upright. Covered with deep pink flowers in May. 5 foot trees..... 2.00

Japanese Weeping Cherry (12 foot). A Pink waterfall of blooms in early Spring. Graceful and decorative. Strong two-year-old Plants 3.00

Magnolia Soulangeana (15 foot). One of the best of the hardy Magnolia, rose-pink flowers when in bud, pure white when opened. 4 to 5 foot trees..... 5.00

Prunus Pissardi. Purple leaved plum. Beautiful maroon red foliage. Plants, 2 to 3 feet60

Prunus Triloba. Double Flowering Plum. Flowers semi-double. Pink. Very attractive bush. Plants, 2 to 3 feet60

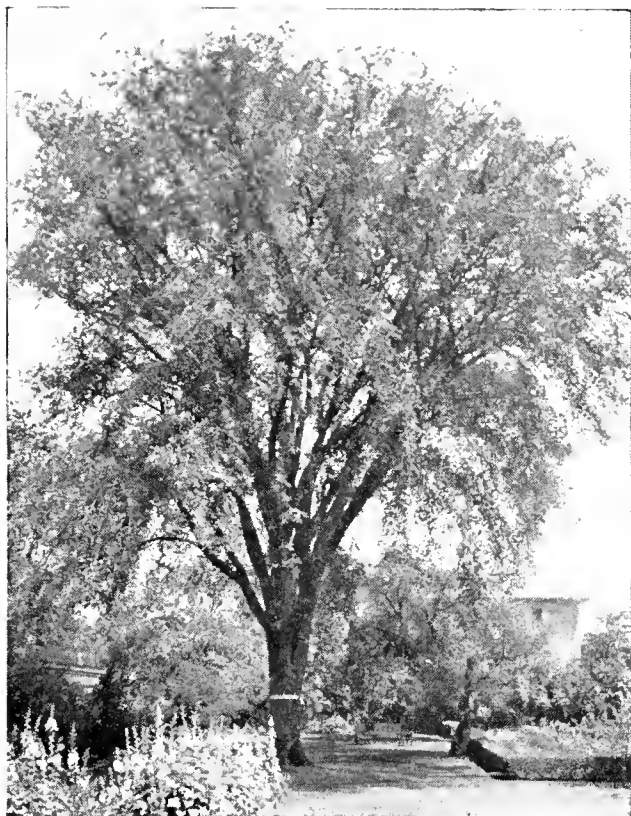
Peach. Double red flowering. Blooms from May to June. Plants, 2 to 3 feet..... .65

Peach. Double white flowering. Blooms from May to June. Plants, 2 to 3 feet..... .65

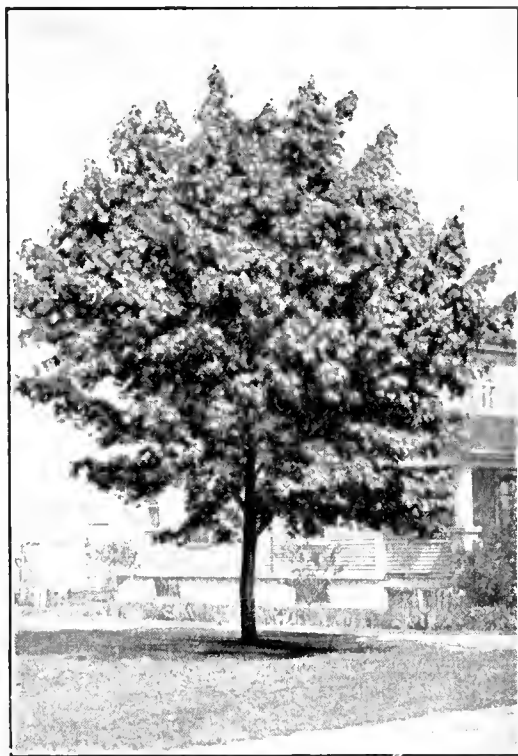
Catalpa Bungei. Hardy Umbrella Tree. 5 to 6 feet. Strong, straight stems, good crowns. Each..... 1.00

**CATALPA BUNGEI**

ORNAMENTAL AND SHADE TREES



AMERICAN ELM



NORWAY MAPLE

	Each
American Elm. White, one of the quickest growing shade trees. Will stand sleet and, ice without cracking the limbs. Comes into foliage about June 1st.	
8 ft trees	\$1.00 and 1 25

Linden, American (*Tilia Americana*), 75 foot. One of the best quick growing native trees. Has fragrant yellow flowers. A good lawn specimen.

10 to 12 foot trees	3.00
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Norway Maple (*Acer Platanoides*), 70 foot.
A handsome roundheaded tree, whose green leaves turn to a golden yellow in the late Autumn, contrasting well with the deep brown, almost black bark. Popular for street planting and tolerant to city conditions.

8 to 10 foot trees	Each 3.00
10 to 12 foot trees	4.50

	Each
Silver Maples. Quick growing shade trees. Thrive under most any conditions. Come into foliage about June 1st. 8 foot trees.	1.00

Plane. Oriental (70 foot). A very desirable and rapid growing tree for street planting, and able to withstand the smoke of the city. Also good for seashore planting. 8 to 10 foot trees.	2 00
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Lombardy Poplars. Tall spire-like character.
Very attractive. 8 to 10 foot trees 1.00

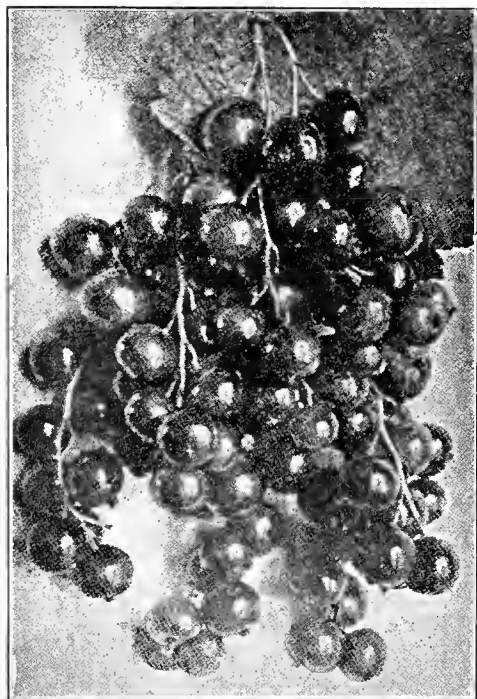
Weeping Willow (*Salix Bablonica*), 50 foot.
Very valuable for waterside planting.
Bright green foliage, borne on slender,
pendulous branches. 10 to 12 foot trees 3.00

VINES—Two-year-old Field Grown Plants

	Each		Each
Ampelopsis Veitchii. Boston Ivy, Self-clinging, small leaved. Turns red in Fall. Strong three-year-old plants, field grown .....	.35	Clematis Jackmani. Large purple flowers in profusion, splendid, field grown.....	.65
Aristolochia Siphon. Dutchman's Pipe. Rapid grower, bearing distinguished brownish-colored flowers, resembling a pipe in shape. Has light green foliage, which retains its color until late Fall.....	.60	Honeysuckle Vine. Hall's Japanese, yellow fragrant .....	.30
Bignonia Radicans. Trumpet Vine. Strong climber. Scarlet Trumpet Flowers.....	.30	Kudzu Vine. Very rapid growing vine, attaining a height of 50 feet in one season. \$3.00 dozen .....	.30
Boston Ivy. See Ampelopsis.		Maderia Vine Roots. Beautiful dark green glossy foliage with white fragrant flowers. Very pretty climbing vine. Large roots, \$1.00 per dozen; each.....	.15
Celastrus (Bittersweet Vine), 15 to 20 foot. A rapid growing, twining vine with bright orange and scarlet fruits. Splendid for Winter decoration. Two-year plants.....	.40	Matrimony Vine (Lycium Barbarum). 10 to 12 foot. Violet flowers in June followed by conspicuous red fruits. Good for banks. Plants, 2 to 3 foot.....	.35
Cinnamon Vine Roots. Very fragrant hardy climber, dark green glossy foliage with sweet scented white flowers. Foliage dies back to ground, but comes up again every season. Extra large Roots .....	.20	Silver Lace Vine (Polygonum Auberti). A splendid vine which produces great quantities of fleecy white flowers throughout the Summer months. Two year old Plants .....	.60
Per Dozen	2.00	Virginia Creeper. Ampelopsis Quinquefolia. Very rapid-growing self-clinging vine. Similar to Boston Ivy, but larger leaves. Strong plants .....	.30
Clematis Paniculata. Luxuriant grower, profuse bloomer, fragrant white flowers in August and September, field grown.....	.35	Dozen	3.00
		Wisteria Sinensis, Blue, extra strong, four-year-old plants .....	.35
		Wisteria Sinensis, White......	.35
		Wisteria, Purple .....	.35

SMALL FRUITS

The Small Fruits we are offering are strong two-year-old plants that have been cut back and have made a good heavy root system. The Currants, Gooseberries and Raspberries if planted in early part of April will bear fruit this season. The Grape Vines will bear the following season.



PERFECTION RED CURRANTS

CURRANTS

	Each
Fay's Prolific. Very large red Sweet Currant. Two-year-old, strong plants. \$2.00 dozen .....	.20
Perfection. Red Sweet Currant. Very large fruit. Two-year-old plants. \$2.00 dozen.....	.20
Red Cherry. Very good Red Currant for preserving. Two-year-old plants. \$2.00 doz. ....	.20
White Grape Currant. Good bearer. Yellowish white, sweet, two-year-old plants. \$2.00 per dozen .....	.20

GOOSEBERRIES

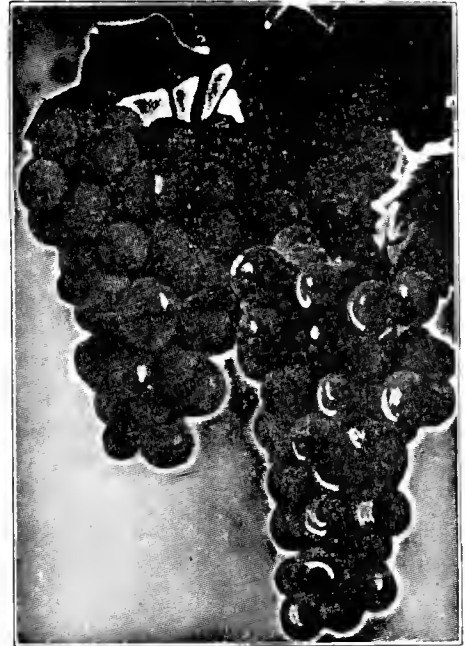
	Each
Downing. Large greenish white, soft and juicy. Two-year-old plants. \$2.00 per doz. ....	.20
Houghton. Pale red, medium size fruit. Two-year-old plant. \$2.00 per dozen.....	.20

GRAPES

Our Grape Vines are grown for us in the Northwest and are **STRONG TWO-YEAR-OLD** plants. They have been cut back to force the root system, as that is what counts in Grape Vines. We offer only standard varieties that will thrive in the Northern States and will bear profusely.



CATAWBA GRAPES



CONCORD GRAPES

	Each
Catawba. Sweet coppery red, good for wines or jelly. Two-year-old plants. \$2.50 doz., \$18.00 per 100.....	.25
Concord Black. Best all around grape for general use. Good for Wine and table. Two-year-old plants. \$2.50 per dozen. \$18.00 per 100.....	.25

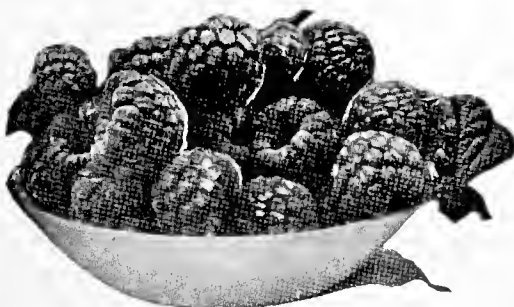
	Each
Niagara. Light greenish white. Tender and sweet. Two-year-old plants. \$2.50 per dozen. \$18.00 per 100.....	.25
Worden. Large black. Good table grape and fine for jellies. Two-year-old plants. \$2.50 per dozen. \$18.00 per 100.....	.25

BLACKBERRIES

Snyder. Very hardy, productive and sweet, \$1.25 per dozen, \$6.00 per 100.....	.12
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RASPBERRIES

The Raspberry plants listed below are not one-year suckers, but strong plants with two or more canes to each plant.



ST. REGIS RASPBERRY (Everbearing)

	Each
St. Regis Everbearing. This red everbearing variety will bear fruit until late Fall. Most satisfactory of all the Raspberry family, \$1.50 per dozen, \$9.00 per 100.....	.15
Cuthbert. Large rich crimson. \$1.50 per dozen; \$9.00 per 100.....	.15
Black Raspberry. Known as BLACK CAPS. Large black juicy fruit. \$1.50 per dozen; \$9.00 per 100.....	.15
Herbert Red Raspberry. Not everbearing, but very profuse bearer. \$1.50 per dozen; \$9.00 per 100.....	.15
Golden Queen. Rich golden. Wonderful for preserving. \$1.50 per dozen; \$9.00 per 100.....	.15

FRUIT TREES

The Fruit Trees listed below are **strong two and three-year-old trees**. They are not whips, as offered by many of the mail-order Nursermen. They cannot be sent by mail. Be sure to send your Express Address when ordering any trees.

DWARF FRUIT TREES

These Dwarf Fruit Trees planted in early April will bear fruit next Summer.

Apple Baldwin. See description of standard variety.

Apple McIntosh. See description of standard variety.

Apple Wealthy. See description of standard variety.

Pear, Bartlett. See description of standard variety.

Pear, Seckel. See description of standard variety.

Price 75c Each



DWARF APPLE

APPLES

Standard Size, 5 to 7 Feet. Price 75c Each

\$7.50 per Dozen

Strong Two-Year-Old Trees

Baldwin. Winter. Large, red, crisp. Good keepers.

Delicious. Winter. Large dark red, beautiful and delicious.

Duchess. Green with red blush. Mid-summer.

Gravenstein. Autumn. Very large pale yellow with red streaks. Good keeper.

McIntosh. Autumn. Large size deep red.

Northern Spy. Winter. Large handsome striped. One of the best.

R. I. Greening. Winter. Green with red blush.

Wealthy. Autumn. Large brilliant red. Good keeper and beautiful fruit.

CRAB APPLE

Transcendent. Early Autumn. Very popular, red and yellow

Hyslop, Blush Red

Price 75c Each

QUINCE — 75c Each

Strong two-year-old trees.

Champion. Large bright yellow fruit. Good keeper.

Orange Quince. Large size fruit. Excellent for preserving.

PEACHES

These Strong trees planted in early April will bear fruit second season.
Strong Trees, Two Years Old

50c Each; \$5.00 per Dozen

Belle of Georgia. Freestone. Creamy white with red cheek.

Carmen. Freestone. Early and sure bearer.

Crawford Early. Freestone. Large Yellow. Juicy and sweet.

Crawford Late. Freestone. Same type as Crawford's early, but three weeks later.

Champion. Freestone. Large white flesh.

Elberta. Freestone. Large yellow with red cheek. Without doubt a grand peach.

Hiley. White freestone. Early midseason.

J. H. Hale. Freestone. Medium flesh white.

Rochester. Freestone. Extra large, early variety with yellow fruit.

PEARS

**Strong Two and Three-Year-Old Trees,
 5 to 7 Feet High**

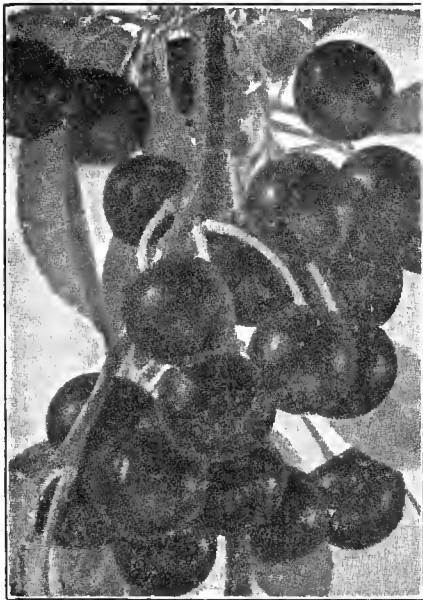
Bartlett. Summer variety. Large shapely fruit. Delicious flavor.

Clapp's Favorite. Summer. Large pale yellow.

Kieffer. Autumn. Large golden yellow. Flesh slightly coarse.

Seckel. Autumn. Small yellowish, sweet russet. Very hardy.

PRICE 75c EACH



CHERRY

CHERRIES

Strong Three-year-old Trees, 5 to 7 Feet High

Black Tartarian Oxheart. Very large purplish black. Mild and pleasant.

Early Richmond. Sour. Dark red. Valuable for preserving. Medium size fruit.

Gov. Wood. Oxheart. Very large, rich light yellow. Sweet and juicy.

Lambert. Sweet

Montmorency. Sour. Very large red. Largely grown for market. Very productive.

Schmidt's Bigarreau. Oxheart. One of the largest, deep mahogany, dark flesh. Sweet and juicy.

Price 75c Each

GAGES AND PLUMS

Our Plum Trees are grafted on Plum. No need to worry about the peach borer, which you would have to do when you buy Plums grafted on the Peach.

Strong Two and Three-Year-Old Trees, 5 to 7 Feet High

Abundance Plum. Very large, oblong, amber-colored fruit. Very sweet.

Burbank Plum. Deeper colored fruit than the Abundance. Similar in flavor.

Bradshaw. Purple. Early sort.

German Prune. Very hardy. Large dark blue fruit. juicy and sweet.

Green Gage. Small, but of excellent flavor. Skin greenish yellow.

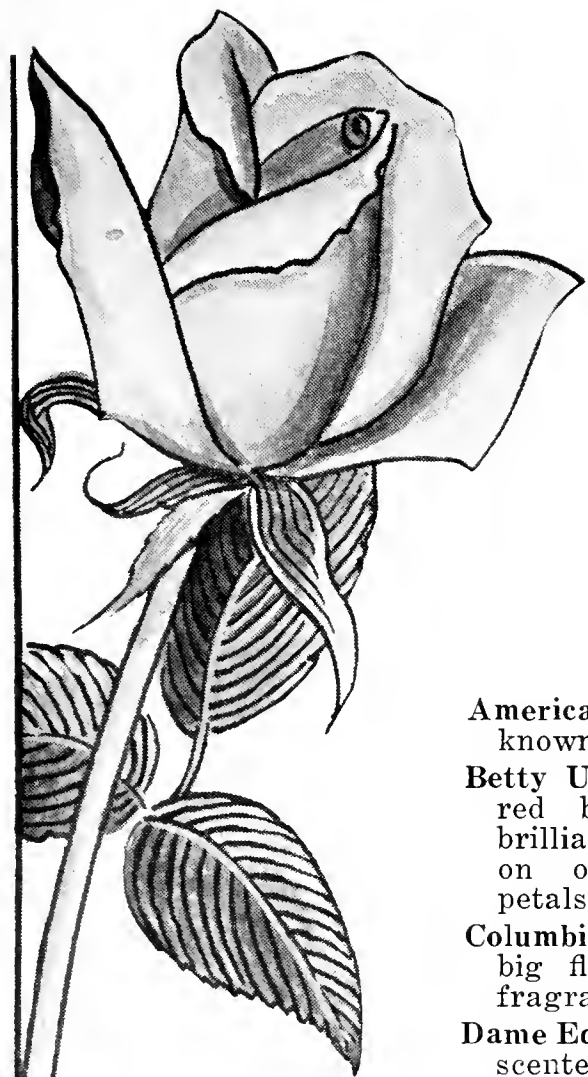
Price 75c Each

VEGETABLE ROOTS

Rhubarb Roots. Strawberry variety. Do not start your Rhubarb Bed with old chopped-up roots. Plant roots that have been cultivated from seed. Two-year-old roots: 12c Each; \$1.25 per Dozen; \$8.00 per 100.

ASPARAGUS ROOTS

Palmeto. Two-year-old roots. \$1.75 per 100; \$15.00 per 1,000.



MAC NIFF'S SUPER-QUALITY ROSES!

Below you will find listed a fine selection of Rose Bushes, of the Hybrid Tea Everblooming Varieties, Hybrid Perpetual June blooming, Tree Roses, also Rugosa, Rock and Polyantha types.

We say a fine selection for we have carefully selected the varieties listed, from the many varieties offered, for their hardiness of growth, profusion of blooms and beautiful colors.

Our Roses are all strictly two year old, field grown Plants, grown in a Northern climate to assure you of receiving hardy stock. The root of each plant is carefully wrapped in moss and burlap to keep it from drying. Also about six inches of the top of the plant is parafined to protect same from drying. When you set the Plant in the ground cut the parafined stock, in fact, cut back the plant to about six to eight inches from the ground to secure best results.

Send for free printed instructions on how to plant and care for Roses.

HYBRID TEA, EVERBLOOMING VARIETIES WILL BLOOM CONTINUOUSLY ALL SUMMER

EXTRA HEAVY GRADE

Price 50c Each, \$5.00 per Dozen

American Beauty. The known carmine pink.

Betty Uprichard. Copper-red buds, opening to brilliant orange-carmine on outer surface of petals. Fragrant.

Columbia. Free bloomer, big flowers, true pink, fragrant.

Dame Edith Helen. Sweetly scented substantial buds of vivid pink, borne on long, strong stems.

Duchess of Wellington. Saffron yellow, fragrant flowers all the season.

Etoile de France. Red and velvety crimson; the most dependable of its color.

E. G. Hill. A beautiful new red rose, in form and color. Perfectly formed buds, full double scarlet flowers when open. Vigorous and free flowering.

Etoile de Hollande. A dark red and very fragrant rose. Free bloomer, large size.

Francis Scott Key. Rich crimson red, immense size; good bloomer Spring and Fall.

General McArthur. Velvety, scarlet, large blooms, free flowering.

Gruss an Teplitz. Crimson scarlet; dependable; June till frost.

Joanna Hill. Long, full yellow flowers. Tall grower, long blooms on strong stems.

Jonkheer J. L. Mock. Petals cherry red outside, silver pink within; a splendid rose.

Kaiserin Augusta Victoria. A standard sort, large creamy white blossoms.

Killarney Pink. Long pointed buds. Flesh color, suffused pink, very fragrant.

Killarney Double White.

Lady Hillingdon. Clear apricot yellow; autumn blooming habit.

Los Angeles. Luminous flame pink, shaded coral and yellow; a wonderful rose.

Mme. Caroline Testout. Satiny rose; a lovely rose; strong, vigorous bush; unsurpassed in merit in its color; dependable. A rose every one should plant.

Mme. Edouard Herriot. Coral-red buds, flower shaded yellow to scarlet. Won the Daily Mail \$10,000 prize.

Mme. Butterfly. Brilliant pink suffused apricot and gold sport of Ophelia.

Mrs. Erskine Pembroke Thom. Well shaped blossoms of Canary Yellow. Blooms very freely.

Mrs. H. Morse. Two contrasting shades of pink with an underlying yellow tint. Fragrant, very free blooming.

Ophelia. Salmon-flesh shaded rose; excellent, garden variety.

Pink Radiance. One of the best for northern locations. Very vigorous, blooms all Summer and Fall. Deep pink.

Red Radiance. Rich deep red; better than its splendid parent. Radiance.

Rev. F. Page Roberts. Double blooms of copper red opening to golden yellow. Very large and fragrant.

Souv. De Claudius Pernet. The best yellow rose ever produced. Beautiful sunflower yellow.

Talisman. Brilliant red and gold buds opening to well shaped blooms of scarlet-orange and rich yellow. Really a gorgeous rose.

NEW ROSE SENSATIONS

Countess VANDAL, (Plant Patent No. 38).

Long, pointed bud with distinctive shadings of coppery bronze suffused with soft gold. It is continually developing new beauty at all times during its long life. The plant is vigorous and blooms unceasingly throughout the Summer.

Price \$1.00 each.

SOUVENIR, (Plant Patent No. 25). Blooms

of rich, deep golden yellow. A prolific producer of fragrant flowers for cutting. Souvenir was the outstanding gold-medal winner in the 1932 American Shows.

Price \$1.00 each.

MARY HART, (Plant Patent No. 8). A most

unique and striking red sport of Talisman. Bud is maroon-red, opening to well-formed blossoms of deep, velvety blood-red with overglow of amber. Unlike most red Roses, Mary Hart, does not wilt or dry when cut, but opens perfectly. Sturdy, heavy stems, strong grower.

Price \$1.00 each.

TOKEN, (Plant Patent No. 95). Large,

Ophelia-shaped bud. The medium-full flowers are a unique color—the glowing tone of a rich sun-ripened apricot without any shading, gradually finishing soft coral, pleasing at all stages. A very free bloomer with the good plant habit of its mother, Mme. Butterfly. Foliage healthy and disease resistant.

Price \$1.50 each.

RUGOSA MOSS AND POLYANTHA ROSES

Rugosa or Rock Rose. This type of Rose was introduced from China and Japan. They do well when planted singly to grow in bush form, attaining a height of 5 to 6 feet. We offer these in three colors (WHITE, PINK and RED), 45c each, \$4.50 per dozen, \$33.00 per hundred.

separate. We offer four colors (RED, PINK, WHITE and SALMON), 45c each, \$4.50 per dozen, \$33.00 per 100.

Moss Rose Pink. Beautiful Moss Buds. Grandmother's old favorites. Price 45c each; \$4.50 per dozen.

Moss Rose White. Same as above. Price, 45c each; \$4.50 per dozen.

Moss Rose Red. Same as above. Price 45c each; \$4.50 per dozen.

DWARF POLYANTHA ROSES

Polyantha Baby Type. These dwarf bush roses are very hardy and bloom continuously all Summer. Wonderful for hedges, in beds or

HARDY HYBRID PERPETUAL ROSES

Price 40c Each

These roses are what are known as June Roses and are extremely hardy. Some of the varieties listed below will give a second crop of blooms during the Fall season—varieties such as Mrs. John Laing, Hugh Dickson and Gen. Jacqueminot.

Frau Karl Druschki. Snow white, immense size; in every respect the best white.

General Jacqueminot. Brilliant scarlet crimson; fragrant, splendid. Known as the Jack Rose.

Hugh Dickson. Intense crimson shaded scarlet. Large blossoms and very fragrant.

Magna Charta. Bright pink, suffused with carmine. Vigorous grower.

Mrs. John Laing. Soft, clear, pink; immense blooms, fragrant.

Persian Yellow. Very strong grower.

Paul Neyron. Thornless large pink rose.

Prince Camille De Rohan. Deep velvet maroon.

STANDARD CLIMBING TREE ROSES

Red, Pink, White and Yellow. Price \$2.25 each; \$25.00 per dozen.

TREE ROSES, EVERBLOOMING VARIETIES

Red, Pink, White and Yellow. Price, \$2.50 each; \$27.00 per dozen.

NEW CLIMBING ROSES

PRINCESS VAN ORANGE, (Plant Patent No. 106). Sensational climbing sport of the orange-scarlet Polyantha, Gloria Mundi. It has strong growth and rich green foliage. The branches are literally covered with masses of blazing Gloria Mundi flowers in Polyantha-like trusses. Every garden-lover will desire at least one of this dazzling new Rambler.

Price \$2.00 each.

BLAZE**NEW EVERBLOOMING SCARLET CLIMBER**

The Blaze is unquestionably the most sensational achievement in Rose culture in many years. It is the very first hardy everblooming scarlet climber and is a beauty in color, shape and profusion of blooms.

Price \$1.50 each, \$15.00 per dozen.

NEW DAWN**THE EVERBLOOMING DR. VAN FLEET**

This new rose is a sport from Dr. Van Fleet, and is identical in every way with its parent in size and formation of its long pointed flesh pink buds and double flowers, but blooms continuously throughout the Summer and Fall months.

Price \$1.50 each.

GOLDEN CLIMBER (Mrs. Arthur Curtiss James). A beautiful golden-yellow, ever-blooming climbing Rose. Blooms are of the hybrid tea type, borne on long stems. Bronze green foliage, vigorous grower.

Price \$2.00 each, \$20.00 per dozen.

STANDARD CLIMBING ROSES

Dr. Van Fleet. Clear pink buds, glossy foliage; a superb rose.

Dorothy Perkins Pink. Beautiful pink flowers in great clusters.

Emily Gray. Best yellow.

Kaiserin Augusta Victoria. Beautiful white.

Paul's Scarlet. Semi-double shining scarlet; a very desirable rose.

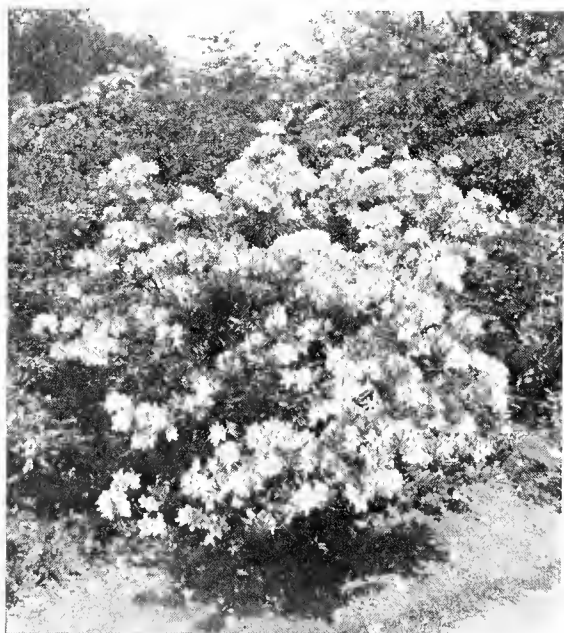
Silver Moon. Faint yellow, changing to pure white. An extraordinary rose.

Strong, two-year-old plants of above varieties

40c Each, \$4.00 per Dozen

RHODODENDRONS AND JAPANESE AZALEAS

"Azaleas for May, Kalmia for June, Rhododendrons for July"



JAPANESE AZALEA

Azalea Japanese Hinodigiri. Beautiful bright scarlet flowers. Grows 3 to 4 feet high.

Plants, 10 to 12 in., \$1.25 Each;

Plants, 12 to 15 in., \$1.75 Each.

Azalea Japanese Amoena. Low growing evergreen shrub, producing bright, rosy purple flowers in May.

Plants, 8 to 10 in., \$0.79 Each;

Plants, 10 to 12 in., \$0.98 Each.

Azalea Mollis. This showy plant produces large, brilliant flowers in attractive shades of Orange and Yellow, in May and June. Grows 4 to 6 feet.

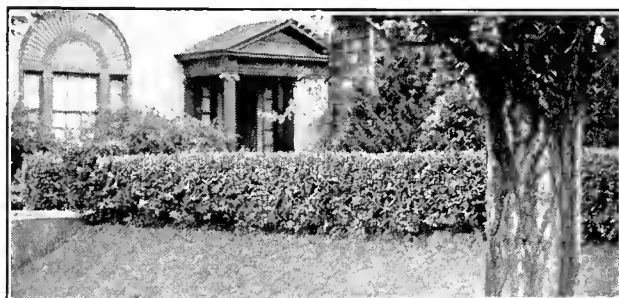
Plants, 12 to 15 in., \$2.00 Each.

RHODODENDRONS

We have in our salesrooms during the Spring Season the native hardy varieties which are used for foliage effect which we retail at \$1.50 to \$3.00, according to size of plants from 2 to 4 foot high.

Hybrid sorts, red, pink, rose, purple and white 12 to 18 inches high at \$2.00 each and up.

HEDGE PLANTS



CALIFORNIA PRIVET HEDGE

California Privet or *Lignstrum Ovalifolium*

The Privet plants we are offering are not one year cuttings but plants that have been grown with good long root system. The tops have been cut back causing them to branch out near the roots which makes the best stock to use for Hedge purposes.

Two-year-old, light grade, 12 inches high.....\$2.00 per 100; \$18.00 per 1,000

Two-year-old, heavy grade, well branched, 18 to 24 inches high.....\$3.50 per 100; \$28.00 per 1,000

Three-year-old, 2 to 3 foot plants. Used for screen work.....\$5.00 per 100; \$43.00 per 1,000

500 Plants at the 1,000 rate.



HARDY JAPANESE BARBERRY HEDGE

Berberis Thunbergii. For northern sections where there is a possibility of the California Privet Hedge freezing out, we would advise making hedge of the Japanese Barberry. Without doubt the hardiest hedge grown. This beautiful bush also is considered by many superior to Privet for a hedge on account of its thorns, which help to keep out animals. The pretty foliage turns red in Autumn and this, with its abundant red berries, makes it very attractive. As a specimen shrub it is excellent, and grown in a mass is remarkably effective. Prices as follows: 2-year-old plants, 12 to 18 inches high, price \$3.00 per 100, 50 at 4 cents each, 25 plants at 5 cents each. 3-year-old plants, 12 to 18 inches high, price \$6.50 per 100, 50 at 8 cents each, 25 at 9 cents each. Plants 18 to 24 inches high used for single or bush effect well branched, heavy set plants \$9.50 per 100, 50 at 10 cents each, 25 at 11 cents each.

Barberry, Red Leaf. A very striking shrub with its fiery red foliage throughout the entire Summer and Fall. Plants 18 inches, 25c each, \$20.00 per 100.

EVERGREENS

We carry a complete list of varieties and sizes of beautiful Evergreens during the Spring Season, that are suitable for foundation plantings, hedges and as lawn specimens. Below we list a few of the popular varieties. If you do not see the variety listed below that you are interested in, write us, and we shall be pleased to quote on same:

ARBORVITAE. (*Thuja Occidentalis*). Bright green leaves, yellowish on under side. Very popular Evergreen, can be kept compact by trimming.

	Each
18 to 24 inches.....	\$0.60
2 to 2½ feet.....	.80
3 to 4 feet.....	1.50
4 to 5 feet.....	2.50

GLOBE ARBORVITAE. (*Thuja Globosa*). Round compact form of Arborvitae, dense foliage.

	Each
9 to 12 inch.....	\$0.60
12 to 15 inches.....	.85
15 to 18 inches.....	1.00

GOLDEN ARBORVITAE. (*Thuja Elegantissima*). Tips of the young shoots golden yellow during Summer and Autumn.

	Each
18 to 24 inches.....	\$1.00
2 to 3 feet.....	1.25

BIOTA AUREA NANA. (Golden Biota). Stiff compact, roundish shape with golden yellow foliage.

	Each
15 inches.....	\$1.25
18 inches.....	2.00

BOXWOODS. (*Boxus Sempervirens*). Beautiful bush form Evergreen, useful for formal hedges.

	Each
12 to 15 inches.....	\$0.75

CYPRESS. (*Retinospora*) **PLUMOSA**, forms a dense cone of fine texture. Useful for shearing into formal shapes.

	Each
15 to 18 inches.....	\$0.60
18 to 24 inches.....	.80
2 to 2½ feet.....	1.15

CYPRESS PLUMOSA AUREA. Same variety as above, but with a golden edge. Very showy.

	Each
12 to 15 inches.....	\$0.60
15 to 18 inches.....	.80
18 to 24 inches.....	1.15

DAPHNE CNEORUM. (Garland Flower). Green foliage, low spreading. Pretty pink flowers in April and May. Delightful fragrance. Suitable for rock gardens.

	Each
9 to 12 inches.....	\$0.90
12 to 15 inches.....	1.25
15 to 18 inches.....	1.75

HEMLOCK. (*Tsuga Canadensis*). Leaves about half an inch long, dull green and slightly grooved above, striped beneath. Branches slender and softly pendulous.

	Each
18 to 24 inches.....	\$1.25

JUNIPER PFITZERIANA. A very hardy, valuable low growing spreading variety with silvery green color. This is a valuable plant for rough, exposed situations because of its extreme hardness.

	Each
15 to 18 inches.....	\$1.50
18 to 24 inches.....	2.00

JUNIPER HIBERNICA. (Irish Juniper). Distinct and beautiful, of erect, dense, conical outline. Deep green.

	Each
18 to 24 inches.....	\$0.90
2 to 3 feet.....	1.50

JUNIPER EXCELSA STRICTA. Very symmetrical, conical outline foliage arranged around the branches in threes, dense and prickly.

	Each
12 to 15 inches.....	\$0.90
15 to 18 inches.....	1.25

MUGHO PINE. Thick green foliage, very compact, with the tips of the branches ascending. Desirable for Rock Gardens.

	Each
9 to 12 inches.....	\$0.75
12 to 15 inches.....	1.00
15 to 18 inches.....	1.50

PICEA EXCELSA. (Norway Spruce). Very hardy dark green spruce, adaptable to hedge or other purposes.

	Each
12 to 15 inches.....	\$0.50
18 to 24 inches.....	.75
2 to 3 foot.....	.95

KOSTER BLUE SPRUCE. The bluest of Blue spruces. It is symmetrical and shapely and has a vivid blue coloring.

	Each
15 to 18 inches.....	\$3.50
18 to 24 inches.....	5.00

COLORADO BLUE SPRUCE. A stately evergreen with a blue-green foliage.

	Each
12 to 15 inches.....	\$1.50



FANCY LEAVED CALADIUMS

The foliage of the Fancy Leaved Caladiums are most gorgeous in their striking colors, Beautiful for window boxes or in beds outdoors when planted in a partly shaded situation.

We offer a very fine variety of these bulbs in mixed colors. Large size Bulbs.

25c each, \$2.50 Dozen

CALADIUM ELEPHANT EARS

Caladium Esculentum. The large decorative green leaves are useful in the center of a bed or when grown separately. The leaves often measure three to four feet long and are very attractive.

Large size bulbs, 15c each; \$1.50 per dozen. Extra large bulbs, 20c each; \$2.00 per dozen.

TUBEROSE ROOTED BEGONIAS

The Tuberous Rooted Begonias are excellent when used in beds in the lawn or in borders.

Single or double flowering, in colors of, Scarlet, Rose, White, Yellow and Salmon.

Large size Bulbs, 20c each; \$2.00 per Dozen.

AMARYLLIS GIANT FLOWERING HYBRID

Ranging in color from pure white to pink and deep scarlet. Some with beautiful markings and mottled throats. Large Bulbs, 50c each; \$5.00 per dozen.

GLOXINIAS

Easily grown, very showy Plants, that last in bloom a long time.

Colors, Purple, Purple bordered, Scarlet, Scarlet bordered and White.

Large size Bulbs, 30c each; \$3.00 per dozen.

AMARYLLIS

These beautiful **AMARYLLIS JOHNSONII** may be grown in the open ground or planted in pots indoors. The Amaryllis Johnsonii is the red flowering variety with white stripes through center.

Each, 40c.

Per Dozen, \$4.00

TUBEROSE

The TUBEROSE is the most fragrant Summer flowering bulb grown. Beautiful spikes of white flowers. The fragrance of a few bulbs planted in the garden is noticeable from any part of the garden. Bulbs must be lifted during the Fall season and treated same as Gladiolus bulbs.

EXCELSIOR PEARL—Medium Size Bulbs, 5c each; 45c dozen; \$1.50 per 100.

Mother Size Bulbs, 10c each; 85c per dozen; \$4.00 per 100.

SUMMER FLOWERING BULBS

CANNA ROOTS STRONG TUBERS

CANNA, HUNGARIA. Large flowers of deep pink, borne on enormous trusses. Grows $3\frac{1}{2}$ feet high.

CANNA, KING HUMBERT, RED. Beautiful red flowering, with bronze foliage, grows $3\frac{1}{2}$ to 4 feet.

CANNA, KING HUMBERT, YELLOW. Dark green foliage with rich yellow flowers. Grows $3\frac{1}{2}$ to 4 feet.

CANNA, THE PRESIDENT. Dark green foliage. Rich red large clusters of blossoms that make this variety one of the very best. Grows 4 to $4\frac{1}{2}$ feet high.

CANNA ORANGE BEDDER. A bright orange with just enough scarlet suffusion to intensify the dazzling mass of color. Four feet.

CANNA, RICHARD WALLACE. Green foliage, yellow blossoms. Grows $3\frac{1}{2}$ to 4 feet high.

Strong divisions of above varieties.

8c ea. 75c doz. \$5.00 per 100

CANNA ROOTS. Assorted colors.

6c ea. 60c doz. \$4.00 per 100



PAEONIES

Paeonies should be planted so that the top eye will set two inches below the top of the ground. If planted too deep they will not bloom.

Do not use manure in the soil, as it has a tendency to create disease in the roots. The best fertilizer is our ROSE GROWER BONE MEAL. Mix two table-spoonsful in the soil around the roots.

Unnamed varieties of Paeonies, in colors of Red, Pink and White, Strong clumps, 20c each, \$2.00 per dozen.

Couronne D'Or. A beautiful pure white, yellow stamens around tuft of center, petals tipped carmine.

Edulis Superba. A large loose crown of bright pink, early flowering.

Festiva Maxima. A pure white, crimson flecked center.

Francois Ortegat. A beautiful double crimson.

Golden Harvest. A combination of peach, yellow and white. Midseason.

Strong 5 to 7 eye clumps of above Varieties—30c ea., \$3.00 dozen.

HARDY PERENNIAL PLANTS

Variety	Blooming	Color	Height	Price	
	Period			Ea.	Doz.
Asters	Sept.	Assorted	3 to 5 ft.	\$0.20	\$2.00
Anchusa Atalica	June to Sept.	Blue	4 to 5 ft.	.20	2.00
Artemisia Silver King	June & July	White Leaves	3 ft.	.20	2.00
Aquelegia	May to June	Assorted	2 to 3 ft.	.20	2.00
Bleeding Hearts	April-June	Rosy Red	1½ ft.	.40	4.00
Canterbury Bells	June-July	Assorted	2 ft.	.20	2.00
Chrysanthemum Pom Poms	Sept.	Assorted	1½ to 2 ft.	.20	2.00
Chrysanthemum Large Fl.	Sept.-Oct.	Assorted	2 ft.	.20	2.00
Coreopsis	June to Nov.	Yellow	2 ft.	.20	2.00
Delphinium Bella Donna	All Summer	Lt. Blue	3 ft.	.20	2.00
Delphinium Bellamosa	All Summer	Dk. Blue	2 to 3 ft.	.20	2.00
Dianthus (Carnations)	May-June	Assorted	2 ft.	.20	2.00
Digitalis (Foxglove)	July & Aug.	Assorted	3 to 5 ft.	.20	2.00
Eupatorium	Aug.-Oct.	Blue	2 ft.	.20	2.00
Funkia Gdfl. White Day Lily	July-Aug.	White	1½ ft.	.20	2.00
Gaillardia	June to Nov.	Orange	1½ ft.	.20	2.00
Gypsophilla (Baby's Breath)	All Summer	White	2 to 3 ft.	.20	2.00
Hemerocallis (Day Lily)	May-July	Yellow	5 to 6 ft.	.20	2.00
Hollyhocks	Aug.-Sept.	Assorted	5 to 6 ft.	.20	2.00
Iberis (Candytuft)	April	White	1 ft.	.20	2.00
Iris, German	May-June	Assorted	3 to 4 ft.	.20	2.00
Iris, Japanese	June-July	Assorted	1½ ft.	.20	2.00
Liatris	July-Sept.	Purple	4 ft.	.20	2.00
Phlox	July-Sept.	Assorted	2 to 3 ft.	.20	2.00
Mallows	Summer	Assorted	4 to 5 ft.	.25	2.50
Poppies Orientale	May-June	Assorted	2½ ft.	.25	2.50
Physostegia	Summer	Pink	3 ft.	.25	2.50
Pyrethrum (Painted Daisy)	Summer	Assorted	2½ ft.	.20	2.00
Tritomas	July-Sept.	Or.-Scarlet	2 ft.	.25	2.50
Veronica	June & July	Blue	2 to 2½ ft.	.25	2.50
Shasta Daisy	Mid-Summer	White	2 ft.	.20	2.00

SPECIAL, GOLD MEDAL HYBRID DELPHINIUM

Large, robust plants, growing 5 to 7 feet tall, bearing flower spikes 2 to 3 feet long, in shades of heavenly blue, purple, lavender, etc.

Two year, field grown, clumps assorted only.....35c each \$3.50 per dozen

PACHYSANDRA (Japanese Spurge). Most popular of all ground covers, especially for shady places. Has bright glossy evergreen foliage and branches freely into a dense mat. White flowers in late Spring and early Summer. 20c each, \$2.00 dozen.

ROCK GARDEN PLANTS

Although we do not have room in this Catalog to list all varieties, we have a complete assortment of Rock Garden Plants in stock during the Season.

Below you will find listed some of the Popular varieties. If there are any particular varieties you are interested in, we are in a position to supply same. Send us your list, and we shall be pleased to quote you prices.

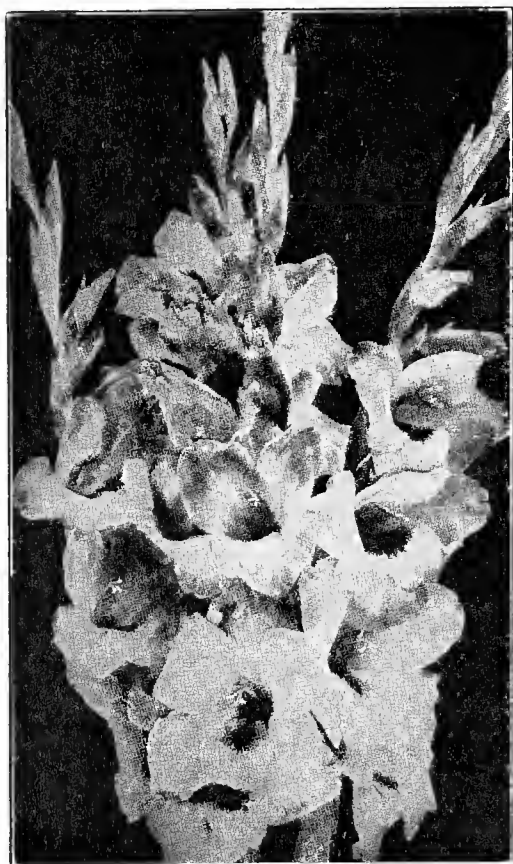
Variety	Blooming Period	Color	Height
Ajuga (Bugle Flower)	May-June	Blue	6 in.
Alyssum Saxatile	May	Yellow	12 in.
Aquelegia Helenae	May-June	Violet-Blue	12 in.
Arabis (Rock Cress)	April-May	White	5 in.
Armeria (Thrift)	May-June	Pink	6 in.
Aster Alpinus	June	Lavender-Blue	8 in.
Aubretia Hybrids	April-May	Pink and Blue	6 in.
Campanula Carpatica	July-Aug.	Blue	8 in.
Centaurea (Cornflower)	July-Aug.	Pink	18 in.
Cerastium (Snow in Summer)	June	White	6 in.
Dianthus (Hardy Pinks)	July-Sept.	White and Pink	8 in.
Heuchera (Coral-Bells)	May-Sept.	Scarlet	12 in.
Myosotis (Forget-Me-Not)	May-June	Blue	10 in.
Phlox Sublata	May	Lavender	6 in.
Platycodon (Balloon Flower)	July	Blue	18 in.
Primula (Primrose)	April-May	Assorted	6 in.
Sedums	May-July	Assorted	3 to 6 in.
Viola	All Summer	Assorted	6 in.

STRONG TWO YEAR OLD PLANTS OF ABOVE VARIETIES, 20c each, \$2.00 dozen

GLADIOLUS BULBS

GLADIOLUS bulbs are without doubt the most satisfactory bulbs you can plant in your garden. So easy to cultivate and when planted in rotation, say about two weeks apart until the end of June, you can have a succession of cut flowers for your home until frost. Take the bulbs up in the Fall and preserve them in a cool cellar until the following Spring. Our Bulbs are all free from disease and have not been affected with thrip.

The Gladiolus Bulbs we are offering below are all top size $1\frac{1}{2}$ to 2 inch bulbs, or what are known as mother size bulbs.



Alice Tiplady. (Primulinus) Large orange-salmon flowers with a golden throat. 5c each, 40c per dozen, \$2.50 per 100.

Anna Eberius. Velvety maroon purple, with a deeper throat. A distinctive variety in color, with a large flower. 5c each, 40c per dozen, \$2.50 per 100.

Byron L. Smith. Beautiful lavender on white ground. 5c each, 40c per dozen, \$2.50 per 100.

Crimson Glow. A perfect scarlet of a deep tone. Very large open flowers of the finest form and exceedingly well placed on a tall spike. 5c each, 40c per dozen, \$2.50 per 100.

Dr. F. E. Bennett. A bright scarlet speckled white. The large flowers are well placed on tall straight spikes. 6c each, 60c per dozen, \$3.50 per 100.

Golden Eagle. Free flowering, clear deep yellow slightly ruffled. An early bloomer. 6c each, 60c per dozen, \$3.50 per 100.

Mrs. Frank Pendleton. A beautiful salmon pink, lower petals spotted carmine. A very satisfactory and popular variety. 5c each, 40c per dozen, \$2.50 per 100.

Mrs. Leon Douglas. A beautiful begonia rose flower striped with scarlet. One of the largest Gladiolus grown. 6c each, 60c per dozen, \$3.50 per 100.

Peace. Large pure white. 5c each, 40c per dozen, \$2.50 per 100.

W. H. Phipps. Large flowers of pink, suffused with salmon-rose. 6c each, 60c per dozen, \$3.50 per 100.

MacNiff's Standard Mixture. In this mixture of Gladiolus, you will find a good assortment of varieties and colors. Bulbs are all top size. 5c each, 30c per dozen, \$1.75 per 100.

Special Offer. Ten each of above ten varieties, one hundred in all, all top size, each variety labeled and packed separately, for \$2.25.

JAPANESE LILY BULBS

Very Hardy

What is more beautiful in the perennial garden or border than clusters of these hardy Japanese Lilies. Planted about six inches deep in April or May they will bloom the first season and continue to come up each season and give greater number of blossoms after they have been in the ground two or three years. Do not use manure when planting. If possible place a small handful of builder's sand under the base of the bulb and mix about one tablespoonful of our Rose grower bone meal fertilizer in the soil that is set on top of the bulbs.

**LILIUM AURATUM**

Auratum (Gold-banded Lily). The grandest of all hardy lilies. Blossoms cone-shaped, pure white spotted maroon, with bright yellow band running through centre of each petal.

	Each	Dozen	100
First size bulbs	\$0.25	\$2.50	\$15.00
Extra large bulbs .....	.30	3.00	23.00

Lilium Album. Pure white. 30c each, \$3.00 per dozen.

Lilium Henryi. Orange-yellow, slightly spotted reddish brown. Flower in August. 30c each, \$3.00 per dozen.

Speciosum Rubrum. The petals curl over the same as the other Speciosum types. Color Dark Red and very fragrant.

	Each	Dozen	100
First size bulbs	\$0.25	\$2.50	\$15.00
Extra large bulbs .....	.30	3.00	23.00

Speciosum Magnificum. Improved variety of Roseum, Rich Crimson.

	Each	Dozen	100
First size bulbs	\$0.25	\$2.50	\$15.00
Extra large bulbs .....	.30	3.00	23.00

Lilium Tigrinum. Improved type of the old Tiger Lily. Very Hardy.

	Each	Dozen	100
Single flowering	\$0.25	\$2.50	\$15.00
Double flowering .....	.25	2.50	18.00

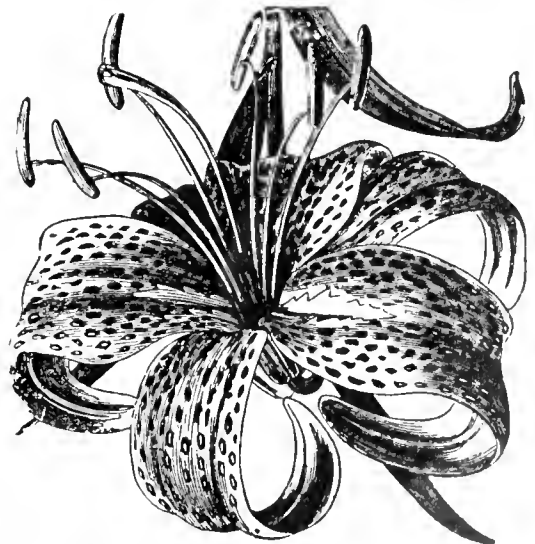
LILY OF THE VALLEY.

These crowns may be planted during the Spring Season and will bloom first season and continue to multiply.

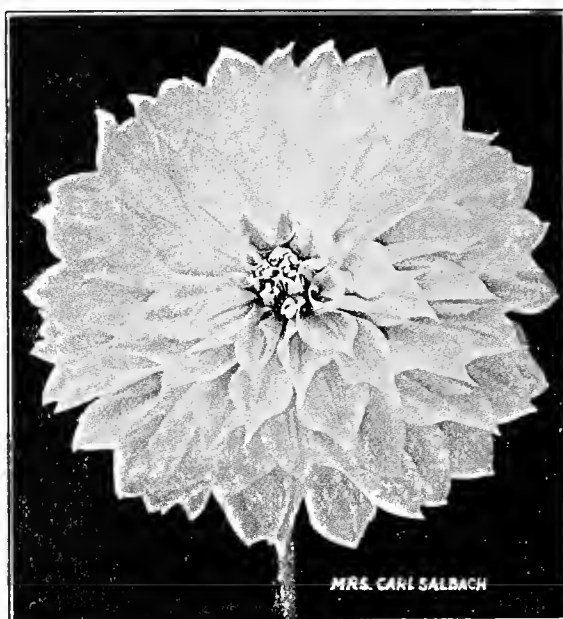
25 Crowns for	\$ 1.50
100 Crowns for	5.00
250 Crowns for	9.50

REGALE. Myriophyllum. Very hardy Lily, originated in China. Beautiful fragrant white Lily, similar to the well known Easter Lily and it is sometimes called the hardy Easter Lily. Like all Lily bulbs they should be planted in well drained soil.

Bulbs—First size	\$0.30	\$3.00
Bulbs—Top size .....	.40	4.00

**LILIUM SPECIOSUM**

MACNIFF'S GUARANTEED DAHLIAS



ABBREVIATIONS:

- I. C.**—Incurved Cactus
S. C.—Straight Cactus (formally Cactus)
Semi C.—Semi Cactus (formally Hybrid Cactus)
F. D.—Formal Decorative (formally Decorative)
I. D.—Informal Decorative (formally Hybrid Decorative)

DAHLIA CLUMPS

FIELD GROWN STOCK

- Francis Larocco (F. D.)** Large pure yellow, strong stems.
Jersey Beacon (F. D.) Very large blooms of a beautiful chinese scarlet color with pale reverse.
Jersey Beauty (F. D.) Large clear pink.
Mrs. Ida Van Warner (F. D.) Beautiful soft orchid.
Sagamore (F. D.) Rich amber gold, shaded toward center to salmon rose.

Above varieties, 25c each, \$2.50 per dozen

Unnamed varieties of Dahlia Clumps, in colors of Red, Pink, White and Yellow, at, 15c each, \$1.50 per dozen

LIST OF POPULAR DAHLIA ROOTS

	Roots		Roots
DR. JOHN F. CARMAN (F. D.) Deep red very large .....	.50	PRINCE OF PERSIA (I. D.) A giant, flaming red center, long and pointed, a beautiful dahlia	1.50
EDNA FERBER (S. C.) An old favorite of coral and gold .....	.75	SATAN (S. C.) Red and gold are the two favorite colors of "His Satanic Majesty," and this well-named dahlia has them. Sinister gold tipping the flaming red, horn-like petals and center of the flower	5.00
GIRL OF HILLCREST (I. D.) Brilliant Mikado orange flowers of large size and great depth and a prolific bloomer	1.50	STAR OF BETHLEHEM (S. C.) A beautiful dahlia of pure white, flowers beautifully formed, very large and a prolific bloomer	1.50
JIM MOORE (S. C.) A beautiful large dahlia of primrose yellow, very popular and one that can always be depended on .....	.75	THE COMMODORE (I. D.) A giant bright yellow dahlia, petals large and broad, centers full, can be grown to gigantic size	1.50
JANE COWL (I. D.) An old favorite, large blooms of bronze buff and old gold, always prize winner .....	.35	THOS. EDISON (F. D.) A large dahlia of royal purple, dark glossy foliage, for best results do not top .....	.75
MYRA HOWARD (I. D.) Med. A giant dahlia of pure gold with a rose sheen, stems straight and stiff and profusion of blooms throughout the season	2.50	WHITE WONDER (I. D.) A giant dahlia of pure white with long twisted and curled petals. Many blooms measuring 12 in. and 8 in. deep. An honor roll dahlia	3.00
MONMOUTH CHAMPION (F. D.) Enormous blooms of flaming orange, plants of medium height and a prolific bloomer	1.00		
OMAR KHAYYAN (F. D.) An unusual coloring of chamois red shading to bright orange making a wonderful color effect, blooms very large and held on long stiff stems	1.00		

DAHLIAS — Continued

GREEN PLANTS

We offer Green Plants from 2½ inch pots for delivery after May 15th of the following new and prize winning Dahlias:

	Plants		Plants
AMELIA EARHART (S. C.) Formation and color are most artistic Apricot Buff base of petals primrose.....	2.00	JERSEY MAJESTIC (I. D.) Giant of salmon old rose and gold.....	1.50
DADDY KEMP (I. D.) A giant flower often 12 to 14 in. across of rich purplish red.....	5.00	LADY MYON PONSONBY (I. D.) A large deep flower of golden yellow. Can be grown to giant size.....	1.50
EACLE ROCK SUPERBA (I. D.) Light amaranth pink.....	1.50	LORD OF AUTUMN (I. D.) The outstanding variety of the past season. Color rich golden yellow.....	5.00
ELISSA LANDI (I. D.) Clear salmon orange, very large and a profuse bloomer.....	3.75	MURPHY'S MASTERPIECE (I. D.) Huge dark red shading to garnet.....	2.50
FORT NELSON (F. D.) A beautiful orange yellow reverse jasper pink.....	.75	ORIENTAL GLORY (I. D.) Brilliant deep orange. On 1934 honor roll.....	3.75
GOLDEN ECLIPSE (F. D.) Clear yellow flushed salmon.....	1.50	PASTEL GLOW (I. D.) A beautiful white with mallow purple reverse.....	2.00
GRANDEE (I. D.) Spanish red and golden yellow.....	5.00	SPOTLIGHT (I. D.) Clear sulphur yellow, a giant in size.....	3.75
H. R. S. (I. D.) A very excellent long petalled variety of dark golden yellow.....	2.50	SULTAN OF HILLCREST (I. D.) Giant blooms of clear old gold flushed bronze.....	2.50
HONOR BRIGHT. A beautiful dahlia of peach red and jasper. 1934 honor roll.....	2.50	WASHINGTON GIANT. A huge lavender streaked with silver.....	2.50

SPECIAL PLANT COLLECTIONS

COLLECTION A, \$2.00

One plant each of any four varieties listed below. Your own selection for \$2.00. Value \$3.00.
 Alice Stellect
 D. W. Morrow
 Andrea Erickson
 Girl of Hillcrest
 Indiana Moon
 Prince of Persia
 Star of Bethlehem

COLLECTION B, \$3.50

One plant each of any four Varieties listed below. Your own selection for \$3.50. Value \$5.00.
 Asbury Park
 American Legion
 Cameo
 E. R. Fantasy
 Myra Howard
 Satan
 White Wonder

COLLECTION C, \$5.00

One plant each of any four Varieties listed below. Your own selection for \$5.00. Value \$7.50.
 Florence Louise
 Jersey Majestic
 Lady Myon Ponsonby
 White Wonder
 San Bernardo
 Monmouth General
 La Fiesta

COLLECTION D, \$7.50

One plant each of any four Varieties listed below. Your own selection for \$7.50. Value \$10.00.
 Goodwill
 Harriet Neale
 Lois Marion
 Oriental Glory
 Spotlight
 Sultan of Hillcrest
 H. R. S.

COLLECTION E, \$10.00

One plant each of any four Varieties listed below. Your own selection for \$10.00. Value \$15.00.
 Amelia Erhardt
 Lord of Autumn
 Murphy Masterpiece
 Spotlight
 Washington Grant
 Elissa Landi
 Louise Bates

In the event of being oversold on plants in special collections we reserve the right to substitute plants of other varieties of equal value.

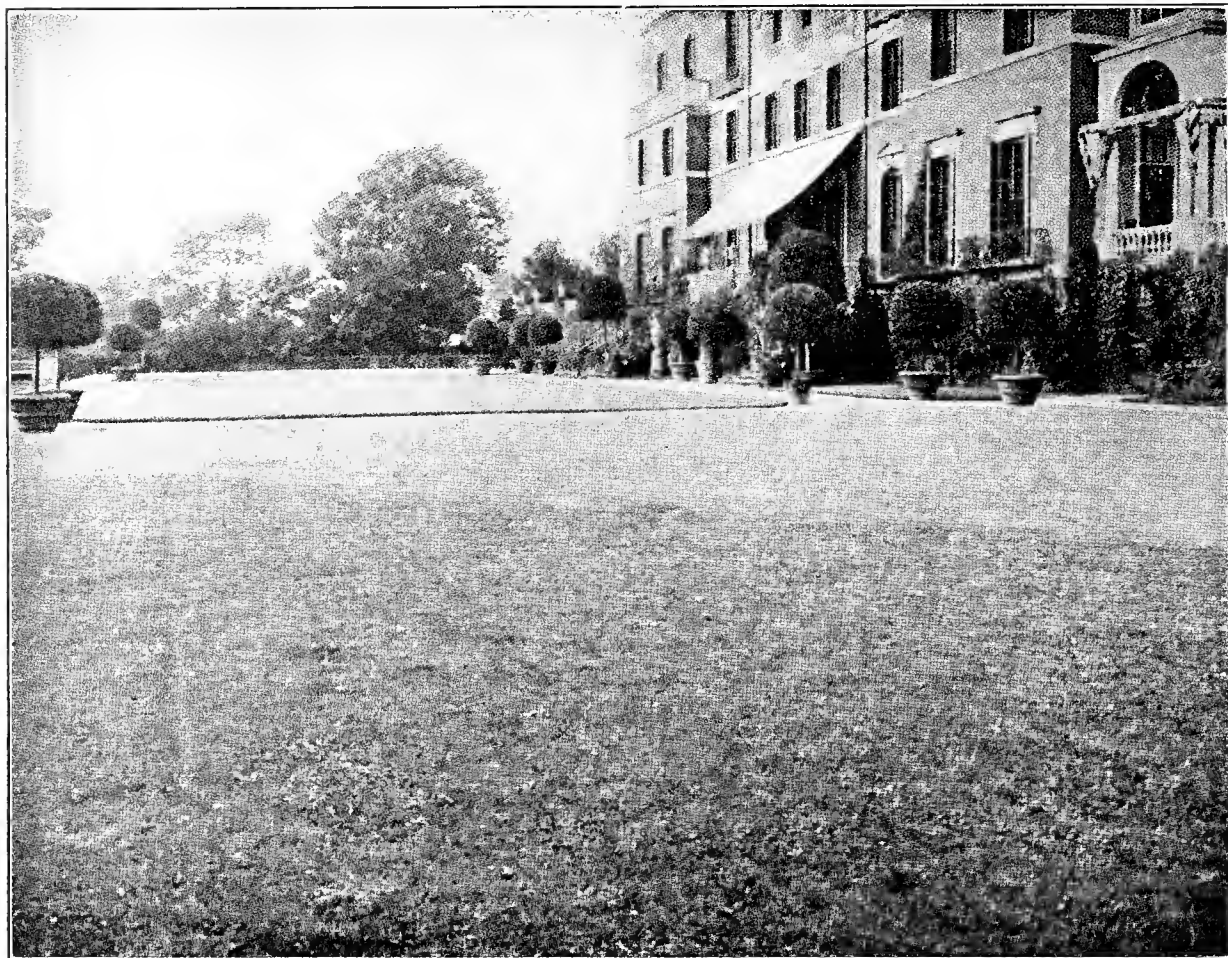
OUR GUARANTEE

If within four weeks after Divisions have been received they do not show signs of life, they are to be mailed back to our salesrooms and new Divisions or Plants will be sent promptly to replace the ones that did not grow.

PRINTED CULTURAL DIRECTIONS INCLUDED IN EACH ORDER.

NOTE: Due to lack of space we are quoting only a few of the most popular varieties. Send for our Complete Dahlia List offering special collections, new varieties and Plants at very attractive prices.

EXTRA RECLEANED GRASS AND CLOVER SEED

MACNIFF'S SPECIAL LAWN GRASS SEED

After many careful experiments and tests, we are now in a position to offer this Special Mixture, which includes the several varieties of grasses best adapted for making a beautiful lawn. The blend is evenly proportioned entirely free from weed seeds, and specially selected to withstand the heat and drought of the summer.

With proper attention to the soil before sowing, this mixture produces a rich lawn, closely interwoven, firm and ready for cutting four weeks after sowing.

Numerous testimonials have complimented us upon the finest of all lawn seeds, which speaks the hearty commendation of its many users.

By using this magnificent composition of grasses, you will be assured of a durable and lasting lawn. You will find quick germination and dark green, velvety color, that many have aspired to, but which few have attained. You will find grasses that are adapted both to ordinary and unusual conditions.

To sum up, you will find a lawn grass seed that retrieves the hopes and expectations for a superb lawn.

Quantity Required

For new lawn, 10 ozs. will sow 10x20 feet (200 square feet).

Twenty pounds will sow 100x100 feet. One hundred pounds to the acre.

For renovating old lawns, one-half of the above quantity is necessary.

10 ozs. or 1 qt., 40c; 40 ozs. or 4 qts., \$1.25; 5 lbs. or 1 Peck, \$2.35

½ bushel or 10 lbs., \$4.50; 20 lbs. or 1 bushel, \$8.50; 100 lbs., \$40.00

"COLUMBIA" PARK LAWN GRASS SEED**Quantity Required**

For new lawns, 5 lbs. (one peck) will sow 40x40 (1600 square feet).

Twenty pounds (1 bu.) will sow 100x100 ft. One hundred pounds to the acre.

For renovating old lawns, one-half of the above quantity is necessary.

1 lb. 30c; 5 lbs., \$1.25; ½ bushel or 10 lbs., \$2.35; 1 bushel or 20 lbs., \$4.50 100 lbs., \$21.00

HILLSIDE OR TERRACE LAWN GRASS SEED

A most difficult thing for both amateur and professional gardeners has been to establish a lawn of quality on terraces, slopes, embankments, etc.

MACNIFF'S "HILLSIDE" LAWN MIXTURE comprises grasses most suitable for growing on hill slopes, all having deep spreading roots that will bind the soil and prevent it from being washed away through heavy rains.

Quantity Required

For new lawns, 10 oz. (1 qt.) will sow 10x20 (200 square feet).

Twenty pounds (1 bu.) will sow 100x100 ft. One hundred pounds to the acre.

For renovating old lawns, one-half of the above quantity is necessary.

1 qt or 10 ozs., 40c; 4 qts. or 40 ozs., \$1.25; 1 peck or 5 lbs., \$2.35

½ bushel or 10 lbs., \$4.50; 1 bushel or 20 lbs., \$8.50

MACNIFF'S RECLEANED GRASS SEED**Prices subject to market fluctuations.**

	Lbs. per Bush.	Price per Lb.	Price per Bush.	Price per 100 Lbs.
Canada Blue Grass (<i>Poa compressa</i>). Considerably bluer than Kentucky Blue Grass, although quality is not so high. A perennial grass that is very hardy. Has flat wiry stems. 6 to 18 inches high. Will thrive in the poorest of soils, surviving extreme drought or prolonged dampness; remaining green until Winter frosts. 60 lbs. to acre.....	21	\$0.45	\$ 7.00	\$35.00
Chewings Fescue (New Zealand). Produces a close and lasting turf. Does very well in shady places, and is very valuable for lawn purposes. Sow 30 lbs. to acre.....	14	.75	9.00	65.00
Bent South German (<i>Agrostis stolonifera</i>). The most satisfactory of all grasses for lawns and putting greens. Growth is rapid and is actually improved by constant cutting and trampling. All lawn mixtures should contain this grass. When sowing alone use 60 lbs. to acre.....	20	1.40	25.00	
English Rye Grass (<i>Lolium perenne</i>). A very rapid grower, thriving best where conditions do not meet the extremes. Retains its bright green color throughout the season. Very desirable for permanent pastures. Excellent for hay if cut when in blossom. 60 lbs. to acre.....	24	.30	5.00	20.00
Sheep's Fescue, Fine-Leaved (<i>Festuca tenuifolia</i>). A bunch grass, but is desirable for lawn mixtures because of its thick dwarf growth and fine foliage. Hardy and succeeds in dry soil. Can be used for permanent pasture where land is high and devoid of moisture. 30 lbs. to acre.....	14	.65	8.50	55.00

MACNIFF'S RECLEANED GRASS SEED—Continued)

	Lbs. per Bush.	Price per Lb.	Price per Bush.	Price per 100 Lbs.
Kentucky Blue Grass (<i>Poa pratensis</i>). The finest of all grasses for varied planting. Very hardy; the first to start in Spring and remaining green until Winter frosts. Thrives in almost any soil. Very nutritious for pasture. Requires about two years to establish itself, therefore should be sown with other grasses. 50 lbs. to acre.....	19	.45	8.00	35.00
Red Top Grass (<i>Agrotis vulgaris</i>). Fancy, extra-recleaned. The highest quality, absolutely free from chaff and foreign matter. An exceedingly valuable lawn seed.....	32	.30	8.50	24.00
Timothy (<i>Phleum pratense</i>). As a hay grass this sort is unequalled and unsurpassed. While preferring rich, moist soil, it does well, however, under adverse conditions. Very nutritious and produces a hay crop which outranks all others. An all important factor is the obtaining of high-class seed. We furnish only the choice high-grade seed. When sowing alone, use 25 lbs. to acre.....	45	.40	12.00	26.00
Wood Meadow Grass (<i>Poa nemoralis</i>). Particularly adapted to shady situations. Will thrive where a great many grasses fail. Also makes a pasture of good nutritive value. To be used in all putting-green mixtures and in lawn and permanent pasture where shade or moisture exists. 30 lbs. to acre.....	14	1.15	15.00	

MACNIFF'S EXTRA RECLEANED CLOVER SEEDS

	Lbs. per Bush.	Price per Lb.	Price per Bush.	Price per 100 Lbs.
Alfalfa, or Lucerne (<i>Medicago sativa</i>). In deep, rich, well-drained soil it is a perennial, and several crops can be produced within a year. Care should be taken in purchasing seed, as inferior grades are numerous. We offer the highest quality Western-grown seed. Sow 25 to 30 lbs. to acre.....	60	\$0.50	\$25.00	\$40.00
Alsike, or Hybride Clover (<i>Trifolium Hybridum</i>). An excellent clover for cattle and honey-bee. Very hard and productive. Thrives regardless of weather conditions. 15 lbs. to acre.....	60	.50	25.00	40.00
Red Clover, Medium (<i>Trifolium pratense</i>). A valuable sort; produces two crops yearly. Also used extensively for plowing under as a green manure. Plant in Spring 15 lbs. to acre....	60	.50	25.00	40.00
Crimson, or Scarlet Clover (<i>Trifolium incarnatum</i>). A very productive variety, but not hardy. Very good also for plowing under. Cut when in full bloom for hay crop. Plant 20 lbs. to acre.....	60	.35	18.00	25.00
White Clover (<i>Trifolium repens</i>). Extra recleaned. Should be used in all lawn mixtures, as it forms an excellent bottom. Very good pasture seed also. Sow in Spring with other sorts 1 to 2 lbs.; when alone, 8 to 10 lbs. to acre.....	60	.60	30.00	48.00
1 oz.		\$0.15		
1 lb.		1 lb.		\$0.60
1/4 lb. ....		.20		5 lbs. 2.75
1/2 lb. ....		.35		10 lbs. 5.25

FERTILIZERS

ADCO

Hay, dry leaves or flower stalks mixed with Adco makes a good manure that has no odor. Directions enclosed in bag. Price 25 lbs., \$2.00.

ALUMINUM SULPHATE

Good for Rhododendrons and similar plants. Gives the soil the acidity necessary for the culture of these plants. Price 1 lb., 20c; 5 lbs., 60c; 25 lbs., \$1.50; 100 lbs., \$5.00.

CANADA HARDWOOD ASHES

Considered a salty fertilizer. Indispensable to soils requiring Potash, prevents many insects attacking roots of plants. Apply one or two tons per acre. Price: 25 lbs., \$1.20; 50 lbs., \$1.85; 100 lbs., \$3.25.

CHARCOAL

Good for sweetening sour soils or mixing with potted soil. Fine and coarse. Price: 1 lb., 10c; 5 lbs., 30c; 25 lbs., \$1.25; 100 lbs., \$4.00.

DRICONURE

It is composed of 35 percent peat moss and 65 percent pure cow-manure, clean and odorless. 5 lbs., 50c; 50 lbs., \$2.50; 100 lbs., \$5.00.

DRIED BLOOD

For top dressing and for mixing with the soil. Good for Roses, also pot plants. 5 lbs., 60c; 10 lbs., \$1.00; 25 lbs., \$2.00; 100 lbs., \$5.00.

GENERAL GARDEN FERTILIZER

A high-grade concentrated commercial fertilizer containing the principles needed for most vegetables and flowers. In combination with natural manures insures rapid growth and early maturity. Price: 5 lbs., 40c; 10 lbs., 70c; 25 lbs., \$1.25; 100 lbs., \$4.00; ton, \$55.00.

HUMUS

Odorless and sanitary. Excellent for top dressing or used on heavy clay soils. Price: 1 lb., 5c; 5 lbs., 25c; 10 lbs., 40c; 25 lbs., 90c; 100 lbs., \$2.25; ton, \$28.00.

LEAF MOLD

It will correct soil that is sandy or clayey. 5 lbs., 40c; 10 lbs., 70c; 25 lbs., \$1.25.

LIME, HYDRATED AGRICULTURAL

5 lbs., 25c; 10 lbs., 50c; 50 lbs., \$1.25; 100 lbs., \$2.00.

LOMA

Good for lawns and gardens, a scientifically prepared plant food for potted plants, vegetables, etc. Price: 5 lbs., 50c; 10 lbs., 85c; 25 lbs., \$1.50; 50 lbs., \$2.50; 100 lbs., \$4.00.

NITRATE OF SODA

Extremely soluble. Amount required, 100 to 500 lbs., per acre, or 1 oz. dissolved in a gallon of water. Care should be exercised in applying in either liquid or crystal form. Price: 5 lbs., 40c; 10 lbs., 70c; 100 lbs., \$4.00.

PEAT MOSS

A wonderful humus manure. Price per bale of about 20 bu., \$3.25. Small bales about 14 lbs., \$1.25 each.

POTTING SOIL

1 lb., 5c; 5 lbs., 20c; 25 lbs., 75c; 100 lbs., \$1.25.

RAW GROUND BONE, or "ROSE GROWER" BONE

This raw ground bone fertilizer should not be confused with the common grades of steam bone. It is the best grade of quick-acting and lasting fertilizer that can be had for greenhouse and outdoor plants. It is a most excellent fertilizer for top-dressing lawns. Moderately ground with sufficient meal to make it quick acting, and the coarser bone to make it lasting. 2 lbs., 20c; 5 lbs., 40c; 10 lbs., 70c; 25 lbs., \$1.25; 50 lbs., \$2.25; 100 lbs., \$3.75; ton, \$55.00.

SHEEP MANURE, PULVERIZED

Amount required 100 lbs. for 800 square feet of surface space, or 1 to 2 tons per acre. One-half before plowing and the balance before harrowing. Makes an excellent liquid manure. Price: 5 lbs., 40c; 10 lbs., 70c; 25 lbs., \$1.25; 100 lbs., \$3.00; ton, \$45.00.

SULPHATE OF AMMONIA

A very desirable fertilizer for all kinds of plants. Specially prepared for lawns, gardens, shrubs, etc. Price: 5 lbs., 50c; 25 lbs., \$1.65; 100 lbs., \$4.25.

STIM-U-PLANT

Simply insert tablets in soil near plants or dissolve in water. Price: 30 tablets, 25c; 100 tablets, 75c; 1,000, \$3.50.

VIGORO

A highly concentrated plant food for lawns, gardens, flowers, trees and shrubbery.

Vigoro will maintain your lawn and shrubbery in a beautiful thriving condition. Price: 12 oz. pkg., 10c; 5 lbs., 50c; 10 lbs., 85c; 25 lbs., \$1.50; 50 lbs., \$2.50; 100 lbs., \$4.00.

WONDERGRO TABLETS

Good for potted plants. Insert one or two tablets in a 4 inch pot. Price per pkg. of 40 tablets, 25c.

WONDERGRO POWDER. 15c and 25c per pkg.

SPRAYING AND DUSTING MATERIALS

Insecticides and Fungicides



ANTROL. The antrol system of extermination captures and destroys the ants at the source. Price: set of 4 jars and 4 oz. bottle of syrup, 75c; extra 4 oz. bottles of syrup to refill, 35c; pint syrup, 85c.

Ready filled sets, 15c ea.; 4 for 50c.

ACME ALL AROUND SPRAY. Gives complete protection against all insect life and fungus pests, because it is a combination of Arsenate of Lead, Nicotine Sulphate and Bordeaux Mixture. Price: $\frac{1}{4}$ lb., 25c; 1 lb., 50c.

APHINE—Kills plant lice. Very powerful. Soluble in water. Price: $\frac{1}{2}$ pt., 40c; pt., 65c; qt., \$1.00; gal., \$3.00.

ARSENATE OF LEAD, POWDERED—Better than Paris Green. Does not burn foliage. Can be used for wet spraying or dry dusting. Price: 1 lb., 35c; 4 lb. bag, 95c.



"BLACK LEAF 40" (Nicotine Sulphate) "Black Leaf 40" is a concentrated solution of Nicotine Sulphate guaranteed to contain not less than 40 per cent of nicotine by weight. It is perfectly soluble in cold water; does not clog the nozzle or corrode the spray outfit. Price: oz. bottle, 35c; 5 oz. bottle, \$1.00; 1 lb., \$2.10; 2 lbs., \$3.10; 5 lbs., \$5.85; 10 lbs., \$9.85.

BORDO-LEAD POWDER. Insecticide and Fungicide. Two sprays in one. Kills bugs and prevents blight, rot mildew and fungus in one spraying operation. Can be used for wet spraying or dry dusting on fruits, vegetables or flowers. 1 lb. makes 7 gallons ready to apply. Price: 1 lb., 40c; 5 lbs., \$1.50.

BORDEAUX MIXTURE POWDER. For blight, Mildew, Rust, etc. Used for dry dusting or wet spraying. 1 lb. to about 8 gals. of water. Price: 1 lb., 35c; 4 lb. bag, 95c.

"CYANOGAS" ANT KILLER—Is not a bait! It is different! It does not rely upon the feeding habits of the ants. A small amount injected into the ant nest will destroy the Queen and the worker ants instantly. Easy to use—spectacularly effective. 30c.



DOG-SKAT. Keeps away dogs, cats and animals from trees, evergreens, shrubbery, etc. Tube is hung 15 to 18 inches above level of ground. Dogs and cats hate it. Price: 50c tube.



NEW EVERGREEN SPRAY. Kill plant insects new easy economical way. One ounce of New Evergreen Spray makes 6 gallons of spray against aphids. Deadly pyrethrin contents kills both chewing and sucking insects. Harmless to men, plants and animals. Easy to use. Just mix with water and spray. Price: 1 oz., 35c; 6 oz., \$1.00; 16 ozs., \$2.00.

FISH OIL SOAP—For destruction of sucking insects and lice on plants and trees. Also essential as a spreader of nicotine sprays. Dissolve 1 pound of Fish Oil Soap in 2 quarts of hot water, then add 8 to 10 gallons of cold water and apply with sprayer. It may also be applied to trunks of trees and branches with a brush. One pound makes 8 to 10 gallons. Price: 1 lb., 30c; 5 lbs., \$1.25.

FORMALDEHYDE DUST—A preventative of fungoid diseases and damping off of vegetables and flower seedlings. Price: 1 lb., 75c; 5 lbs., \$2.00.



FLOWERS OF SULPHUR—Preventive for mildew. Price: 1 lb., 15c; 5 lbs., 50c; 10 lbs., \$5c; 25 lbs., \$1.75; 100 lbs., \$5.50.

FUNGITROGEN. A fungicide spray which is popular with growers because it leaves no stain on foliage or flowers. Most effective for black spot and mildew. Price: $\frac{1}{2}$ pt., 75c; pint, \$1.25.

FUNGINE—For Fungus Diseases. The best remedy for rust, mildew, blight, etc. Price: $\frac{1}{2}$ pt., 40c; qt., \$1.00; gal., \$3.00.

GRAFTING WAX—For pruning and grafting purposes. Price: $\frac{1}{4}$ lb., 20c; $\frac{1}{2}$ lb., 30c; 1 lb., 50c.

HELLEBORE, Powdered—For the destruction of slugs, worms, caterpillars, etc. Less poisonous than Paris Green or Arsenate of Lead and safer to use when fruits and vegetables are nearly ripe. Apply powder just as it comes from package. Price: $\frac{1}{2}$ lb., 35c; 1 lb., 60c; 5 lbs., \$2.00.

VOLCK—Insecticide for greenhouse and garden. Controls scale insects, red spider, mealy bugs, aphids and thrips. $\frac{1}{2}$ pt., 35c; pint, 55c; quart, 75c.

INSECTICIDES and FUNGICIDES—(Continued)

POMO GREEN—With Nicotine. Used as a prevention against mildew, black spot, etc., for Roses and other flowers. It kills plant lice and chewing insects. Price: 1 lb., 75c; 5 lbs., \$3.00.

LIME SULPHUR, Dry—For dormant spraying of fruit and shade trees and bushes against San Jose and Oyster Shell Scale. Also Peach Leaf Curl and Brown Rot of Peaches. Used for same purposes and has all the effectiveness of Lime Sulphur and is much easier and far more pleasant to handle. One pound makes 3½ to 5 gallons. Price: 1 lb., 35c; 5 lbs., \$1.50; 10 lbs., \$2.50.

LIME SULPHUR SOLUTION, Liquid—For dormant spraying of fruit and shade trees. Also for summer spraying of fruits for all forms of Scale insects and for Peach Leaf Curl, Apple Scab, Strawberry and Asparagus Rust. One gallon makes about 9 gallons for a dormant spray and about 40 gallons for summer spraying. Price: 1 qt., 45c; gal., \$1.00; 5 gals., \$3.75.

MO LO. A preparation for destroying and driving away moles. Per pkg., 25c.

NAPHTHALENE FLAKES will keep Thrip on Gladiolus Bulbs. After the bulbs are fairly dry, clean them. Take the roots and old bulbs off. Scatter Naphthalene Flakes over the bulbs at the rate of one ounce or more to 100 bulbs. Cover the tray with paper, cloth or something to help confine the fumes. Keep them fairly warm, 60 to 70 degrees for two or three weeks, then shake the Naphthalene Flakes off and store in a cool cellar. 1 lb., 25c; 5 lbs., 75c; 10 lbs., \$1.40; 25 lbs., \$3.00; 100 lbs., \$10.00.

PARIS GREEN. A poisonous powder for potato bugs, worms, caterpillar, slugs, etc. Price: ¼ lb., 20c; 1 lb., 50c; 5 lbs., \$2.00.

PARADICHLORBENZENE (PARACIDE)—Peach Tree Borer. Kill the Peach tree borer with Paracide. Easily applied. Sure death to the borer. Price: ½ lb., 35c; 1 lb., 60c; special quotation on quantity lots.

PYROX NICOTINE, Pyrox and Nicotine.



A combined insecticide and fungicide for all leaf eating insects, blight and fungus troubles; it is a pasty substance and needs only to be mixed with cold water. 10 oz. Jar, 50c; 5 lbs., \$2.00.

PYROX. Kills leaf eating insects, destroys blight and rot. 1 lb., 50c; 5 lbs., \$1.75.

RED ARROW. Absolutely non-poisonous to children, poultry, or pets, but deadly to insects. Will absolutely not burn, blight or stain the tenderest leaf, flower or petal. 1 oz. bottle, 35c; 4 oz. bottle, \$1.00; pint, \$2.00.

SCALECIDE—A reliable, simple and economical spray for San Jose, Mussel, Brown and Red Scale, Pear Psylla Rust, Mite and such other scale and soft bodied insects. It also destroys many of the eggs and larvae of insects wintering in trees. Price: qt., 65c; gal., \$1.55; 5 gals., \$5.50; 10 gals., \$9.50.

SNAROL — Is a scientifically prepared meal that mean death to Cut Worms, Slugs, Snails and Grass-hoppers. The pest eats it as a food and is quickly exterminated. This modern pest control, unlike many others is safe to use around pets or fowls. Price: 1½ lbs., 35c; 4 lbs., 85c.



SLUG SHOT POWDER—Price 1 lb., 25c; 5 lbs., \$1.00; 25 lbs., \$4.00; keg, 125 lbs., \$16.00.

SULFOCIDE. A concentrated liquid sulphur fungicide. Used on all kinds of fruits. Price: 1 pint, 50c; 1 quart, 85c; 1 gallon, \$2.25.

TREE WOUND PAINT—Stops decay and tree bleeding. Is not effected by heat, cold or moisture. Price: ½ pt., 30c; pt., 40c; 1 qt., 75c; 1 gal., \$2.00.

TOBACCO DUST—For dusting only. Price: 1 lb., 15c; 5 lbs., 35c; 10 lbs., 65c; 100 lbs., \$4.00.

TOBACCO STEMS. Price: 1 lb., 15c; 5 lbs., 35c; 100 lbs., \$3.50. Quotations on larger quantities.

TREE TANGLEFOOT. Paste for painting around the trunk of trees. Price: 6 oz. can, 25c; 1 lb. can, 60c; 5 lbs., \$2.75; 10 lbs., \$5.25.

WEED KILLER—Odorless. Apply with sprinkling can. One gallon sufficient for 125 square yards of space. Will kill all foliage and roots. Price: qt., 70c; 1 gal., \$2.00; 5 gals., \$7.50; 10 gals., \$12.50.

WILSON'S O. K. PLANT SPRAY—A powerful, yet safe and efficient insecticide for general outside or greenhouse use. Positive control for most insects commonly found attacking flowering plants, shrubs; and ornamentals. ½ pt., 40c; qt., \$1.00; gal., \$3.00; 5 gals., \$12.00.

SPRAYERS

COMPRESSED AIR SPRAYER



Capacity two gallons, galvanized. May be used for spraying truck, gardens, flowers, shrubs, etc.
Price\$3.75

NO. 135G

BANNER COMPRESSED AIR SPRAYER



Very handy for general spraying in garden, and small fruit trees.
Price, 4½ gal. Solid Brass.....\$9.00
Price, Galvanized\$6.00
Brass ext. pipes, 2 ft. length60c each
Brass ext. pipes, 3 ft. length75c each

SPRAYMASTER



SPRAYMASTER

Continuous Sprayer. Heavy, 2-quart Galvanized tank with large filler opening. Pump, seamless Brass, 14½ in. x 1½ in. Brass, twin nozzles for straight or angle spray.

The **SPRAYMASTER** is adapted for spraying flowers, roses, shrubbery, garden vegetables, disinfectants and for many other uses. It is a high grade, well built continuous sprayer. Price, each\$1.50



NEW E-Z FILL SPRAYER

Galvanized tank. Has a capacity of 3¼ gallons. Side seems riveted and soldered. Has adjustable nozzle for spraying at an angle. Nozzle cap has two discs for fine and coarse spray.

Price\$5.50

WHITEWASH BRASS BUCKET SPRAY PUMP

This is a brass pump for poultry, garden or greenhouse work. Very convenient—setting into an ordinary galvanized pail, held firmly by your foot. It is fitted with brass ball valves which are proof against action of acids or oils. The hose is attached to the pump by a brass coupling. No suction hose is needed, as the pump sets in the pail with the malleable iron foot held inside. Also furnished with an improved adjustable foothold and pail clamp.

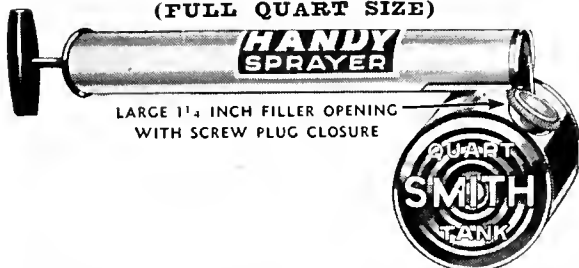
Easy to operate; convenient to carry.

PRICE

Pump with 4-foot hose and nozzle, foothold and pail clamp\$7.50



SPRAYERS AND DUSTERS

NO. 2 HANDY TIN SPRAYER
(FULL QUART SIZE)

This Handy Sprayer is unusually large, having a full quart size reservoir and extra long pump. Equipped with large, funnel shaped filler opening with screw plug.

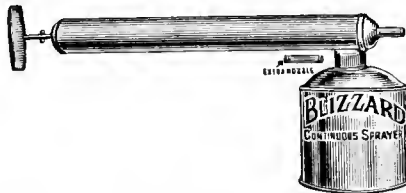
Pump Chamber—12 in. by 1 1/2 in., over all 17 in.
Tank—4 1/2 in. by 4 in. Full quart.

Filler Opening—Large, funnel shaped with screw plug.

Price \$0.40

NEW BLIZZARD

SEAMLESS BRASS PUMP—SOLID COPPER
FULL QUART TANK—TWIN NOZZLE



The NEW BLIZZARD has a solid, copper tank with seamless brass pump barrel and twin nozzle for spraying straight ahead or at an angle. Tank has extra large filler opening for easily filling. All parts easily removed, without tools for cleaning purposes. Slow pumping keeps up a continuous unbroken spray. Easy for woman, man or child to operate.

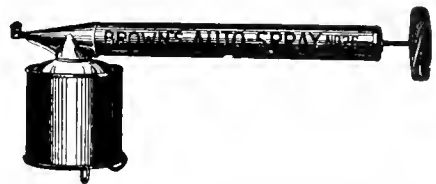
Sprays all insecticides on flowers, roses, garden vegetables, shrubbery, plants, etc.; disinfectants, cow spray, house spray or anything in liquid form.

Pump Chambers—Seamless brass 1 1/2 in. x 14 1/2 in.
Price \$1.60

RUBBER PUTTY BULB

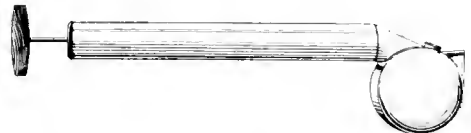
Very useful for liquid putty to apply on greenhouse glass. Price \$1.25

BRASS TANK AUTO SPRAY



This sprayer is a continuous action atomizer which sprays on both the up and down stroke of the plunger. It will handle all disinfectants, insecticides, etc. Is used especially around the house, in the garden, chicken house and dairy barn. Tin pump, brass tank, combined straight and angle nozzles, with lock nut to secure angle nozzle at proper angle. 1 qt. Price: \$1.35.

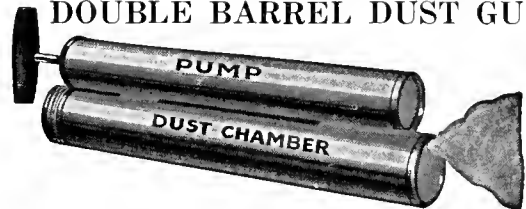
BROWN'S AUTO SPRAY



Pump—Heavy lithographed tin plate, 12 in. long and 1 1/4 in. in diameter.

Tank—Heavy tin plate, one quart capacity.
Price \$0.40

DOUBLE BARREL DUST GUN



This Dust Gun is highly recommended for dusting in poultry houses. It will handle all insecticides, such as Arsenate of Lead, Paris Green, Carbola, Arsenate of Calcium, Sulphur, etc., for dusting vegetables, shrubbery and flowers. Price \$0.70.

"CYCLONE" POWDER GUN

Very useful for dusting powder on birds, animals and plants. Price 25c each

RUBBER PLANT SPRINKLERS

Best sprinkler in use for house plants. Price \$0.75.

BRONX BOTTLE
SPRAYERS

For spraying insecticides, flowers, roses, shrubbery, house-plants, disinfectants, moth and fly-killing liquids. For use in homes, schools, hospitals, poultry houses, factories, etc.

Sprayer is made entirely of heavy brass, nickel-plated throughout and may be entirely disassembled for cleaning when desired; sprayer screws to blue glass bottle.

Nozzle throws powerful, large, broad mist. Will spray in any direction. Long pump stroke, easy pumping.

Pint size, complete \$1.50
Quart size, complete 1.75

U. T. K.

CONTINUOUS SPRAYER

The U. T. K. is a high-grade



continuous sprayer with brass nozzle, check valve and discharge tube, removable for cleaning. Sprays all insecticides, disinfectants, and for general garden use.

The tank is double seamed, strong and durable, and is stationary to the pump. Throws large, continuous, fine mist spray.

1 qt. Tin Sprayer \$0.75
1 qt. Galvanized Sprayer90

GARDEN REQUISITES

FLOWER POTS, STANDARD

Earthenware

Will not be responsible for breakage.



	100	1000
2 in.	\$1.40	\$10.00
2 1/2 in.	1.60	12.50
3 in.	2.50	16.00
4 in.	3.00	.....
5 in.	5.25	Price
6 in.	7.50	on
7 in.	11.75	Appli-
8 in.	16.00	cation

Saucers of Same Material to Fit Pots

Diam.	100	Diam.	100
4 in.	\$2.25	8 in.	\$8.25
5 in.	3.00	9 in.	11.25
6 in.	4.50	10 in.	13.50
7 in.	6.00		

STAKES, HEAVY TONKIN

Natural Color

Length	Diameter	Doz.	100
3 feet	3/8"	\$0.50	\$2.50
4 feet	1/2 to 5/8"	.60	2.75
5 feet	5/8 to 3/4"	.75	3.50
6 feet	3/4 to 7/8"	1.00	4.25

JAPANESE BAMBOO STAKES

Dyed Green, Pencil Thickness

	Doz.	100
2 feet	\$0.20	\$0.50
3 feet	.25	.60
4 feet	.30	.75
5 feet	.35	1.25
6 feet	.40	1.50

POT LABELS

Painted

	100	1000
4 in. painted	\$0.40	\$2.00
5 in. painted	.45	2.50
6 in. painted	.50	3.00
12 in. painted	1.35	10.00

Labels—Copper Wired, Painted, 3 1/2 in. Price: 40c per 100; \$2.50 per 1,000.

Perfection Glazing Points. No rights or lefts. No.2 small for single thick glass; No. 2 1/2 for double thick glass. Price per box of 1 lb. or 1,000, 75c; 10,000, per 1,000. 65c.

Bamboo Rakes. Made of bamboo. 35c each.

Beetle Traps. 60c each; Bait, 20c.

RATNIP. A powerful poison paste for mice and rats. Easily applied to bread. 35c per tube.

RAT CORN

NO ODORS OR SMELLS

It mummifies them. No matter where they die, they simply DRY UP. Positively do not smell.

Rat Corn is a new and scientific discovery, and without a doubt the greatest rat destroyer in the world; the only one that kills rats without any bad, dangerous or disagreeable effects. A trial will convince you; 25c, 50c and \$1 per can.

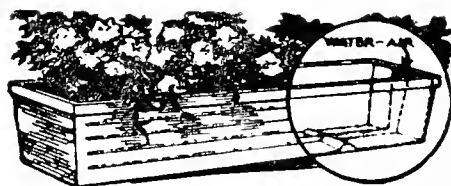
NEPONSET PAPER POTS



Made of tough, waterproof paper. Holds moisture.

	Dozen	100	1000
Size 2 1/4 inch	\$0.14	\$0.70	\$4.75
Size 2 1/2 inch	.17	.80	5.25
Size 3 inch	.20	1.00	7.50
Size 3 1/2 inch	.25	1.15	8.50
Size 4 inch	.28	1.35	11.00
Size 5 inch	.30	2.00	16.50
Size 6 inch	.40	2.60	20.50

WINDOW BOXES



Self irrigating and air circulating system. Water is poured in either end. The drainage plug in the end is removable. Made of coppered steel with a lead coat which will not rust or deteriorate.

PRICES:

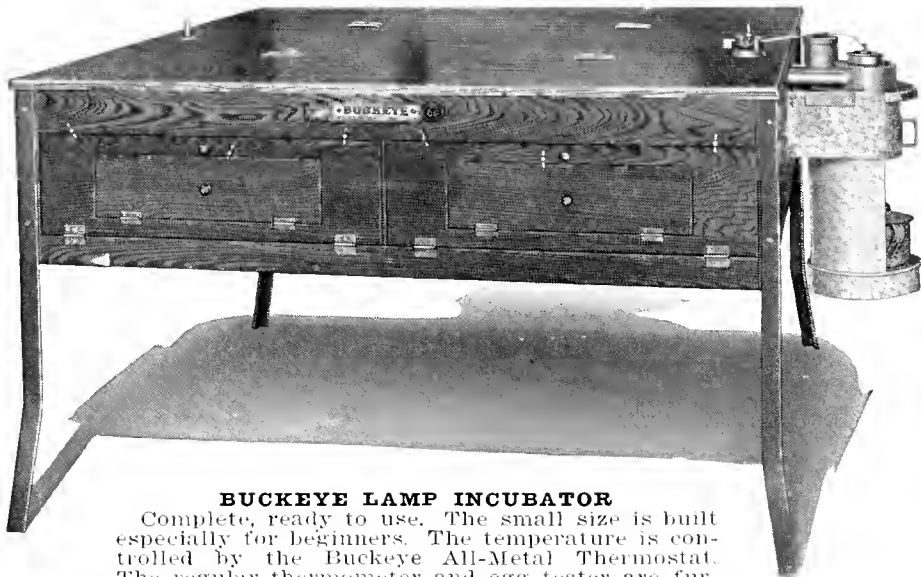
20 in. long, 6 in. deep, 7 in. wide	\$1.25
26 in. long, 6 in. deep, 7 in. wide	1.50
32 in. long, 6 in. deep, 7 in. wide	1.75
38 in. long, 6 in. deep, 7 in. wide	2.25
44 in. long, 6 in. deep, 7 in. wide	2.50

RAPHIA

Natural Color. For tying plants.

40c per lb.; 5 lbs. for \$1.75.
Green, 1/2 lb., 50c; 1 lb., 85c.

INCUBATORS AND BROODERS

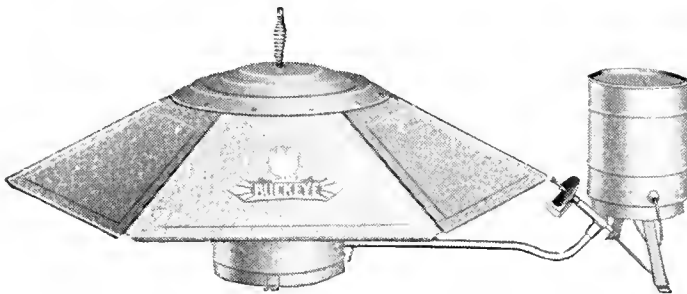


BUCKEYE LAMP INCUBATOR

Complete, ready to use. The small size is built especially for beginners. The temperature is controlled by the Buckeye All-Metal Thermostat. The regular thermometer and egg tester are furnished.

No. 65, 75 Egg Capacity.....	\$17.50
No. 66, 143 Egg Capacity	37.50
No. 67, 286 Egg Capacity	54.50
No. 68, 416 Egg Capacity	72.75

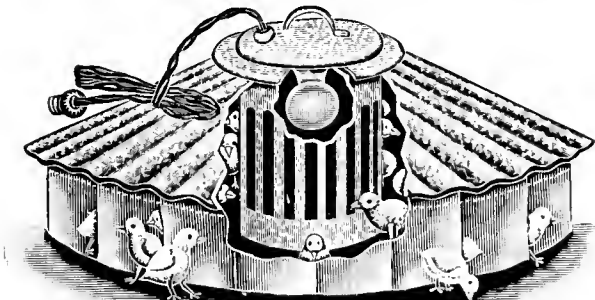
NEW AUTOMATIC "Blue Flame" Oil-Burning Brooder



The flame is automatically controlled by a sensitive double-wafer Thermostat. This Brooder burns ordinary kerosene.

No. 642, 300 chick size.....	\$10.35
No. 652, 500 chick size.....	10.95

EDUCATOR ELECTRIC HOVER



A low priced Electric Brooder for 50 to 60 chicks. Ideal for store window or counter display for chicks. A 60 to 100 watt bulb is recommended. Canopy 25 inches in diameter. Price.....\$2.50

WAFER THERMOSTATS

3 inch Double.....	\$0.35 each
4 inch Double.....	.50 each
5 inch Double.....	.60 each



ELECTRIC HEN

It can be furnished to operate on 32 volt, 110 volt or 220 volt current, either direct or alternating. Simply attach to a light socket, adjust the heat with the automatic thermostat, and the heating requires very little attention for the entire hatch.

When hatch is completed the lid can be quickly removed and made into a brooder. A set of brooder legs snap into place quickly and easily. The double brooder curtain is easily attached and adjusted.

K-87—60 egg size, complete with thermometer, brooder curtains, egg tester and legs	\$14.00
K-88—100 egg size, with same accessories	18.00

BUCKEYE BLUE FLAME BROODERS

No. 27B, 250 Chick capacity, 34" canopy	\$13.75
No. 80B, 350 Chick capacity, 42" canopy	14.75
No. 81B, 500 Chick capacity, 52" canopy	15.50

BUCKEYE COAL BROODERS

No. 117, 300 Chick size, 42" Canopy	\$14.25
No. 118, 500 Chick size, 52" Canopy	16.50
No. 119, 1000 Chick size, 56" Canopy	21.50
No. 120, 1200 Chick size, 60" Canopy	25.00

POULTRY REQUISITES

DREW 552 CHICK ALL YEAR FEEDER



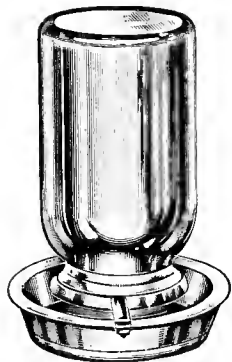
To use this feeder for baby chicks, simply remove the feeding pan and put on the baby chick feed ring and pan. Sets on the floor.

The 23 smooth edge holes of the feeding ring permit several chicks to feed at the same time. It keeps the baby chicks from getting into the feed pan, scratching around and wasting valuable mash.

This feeder was designed to care for 100 baby chicks. Fill the feeder every 5 or 6 days and know that your chicks will always have a growing mash to eat.

Price—DB-552\$2.50

Larger and deeper pan to convert chick feeder into mature flock feeder. This pan costs 60c extra.



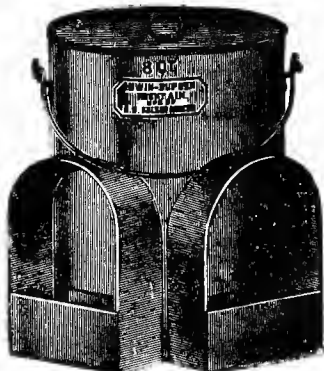
GLASS PAN FOUNTAIN

FOR USE OF MASON JARS

No. 65G

The drinking pan is of heavy molded glass with smooth edge. The Mason Jar screws into the metal clip and is held firmly in position. The clip snaps over the outer edge of the pan. Jar and clip are quickly detached from the pan for filling or cleaning. An ideal fount for feeding buttermilk or medicated water. Saucer is 6 inches in diameter. Chicks cannot get into the pan. No. 65G, Price.....\$0.15 each

THE TWIN DUPLEX



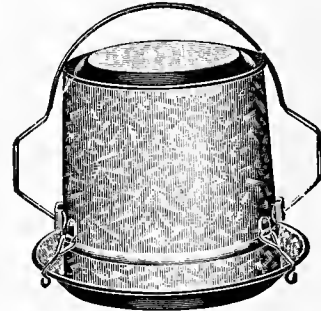
FOUNTAIN

Constructed with two water founts which doubles the drinking capacity.

2-gal. size.....\$1.65

5-gal. size..... 3.00

LEADER WATER FOUNTAIN

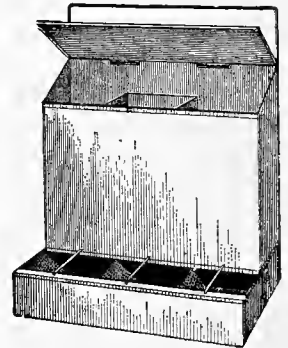


Made of heavy gauge galvanized steel. Made in two pieces. Invert to fill.

2 gal. size.....\$1.15

THE ONE-TWO-THREE FEEDER

This galvanized wall-hopper has a practical advantage all its own. The center partition is movable and when placed to one side it makes two compartments; when removed you have one large compartment. Has lid and cross wires to prevent fowl from causing waste. For either dry mash, shell, grit or charcoal.

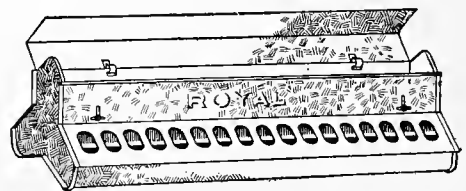


PRICES:

Chick size\$0.85

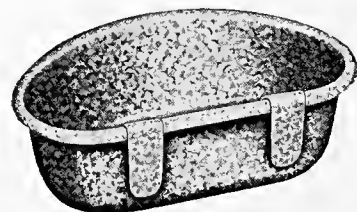
Large size..... 1.50

ROYAL CHICK HOPPERS



A wonderful feeder for baby or growing chicks and will pay for itself in a short time in the saving of time and labor, where chicks are raised in large numbers. Slide top; easily filled and cleaned, all turned edges on feeding holes. Price, \$1.25. No. 42, 21 in., 32 feeding holes, 12 qts. mash capacity.

COOP CUPS



No. 1

Made of terne plate. ½ pt. size, 15c each; \$1.50

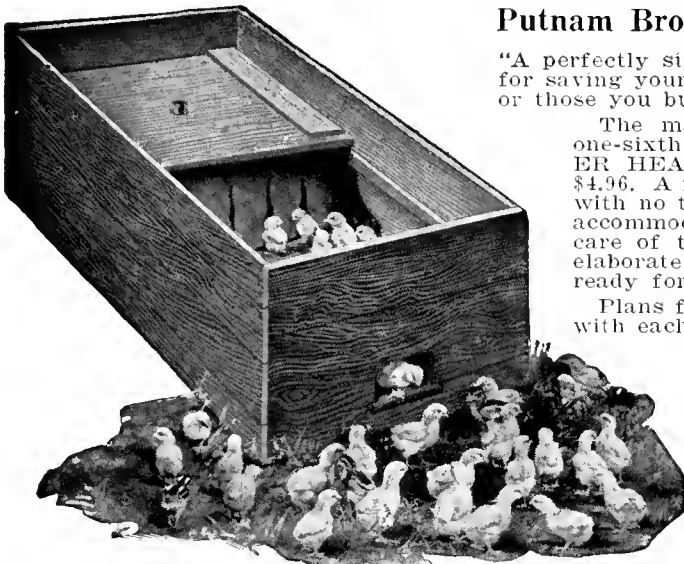
POULTRY REQUISITES

Putnam Brooder Heater

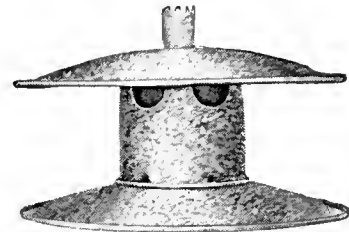
"A perfectly simple and simply perfect" LOW-COST Brooder for saving your Baby Chicks, either those you hatch yourself or those you buy.

The material used to make it were one shoe box, one-sixth yard of oil cloth, and one PUTNAM BROODER HEATER. The total cost, including Heater, was \$4.96. A fourteen-year-old boy can build one in an hour with no tools but saw and hammer. This Brooder will accommodate from 25 to 60 chicks, and will take better care of them than any brooder made, no matter how elaborate or expensive. Build one NOW and have it ready for the young chicks when they come.

Plans for the making of the Home-Made Brooder free with each Heater.

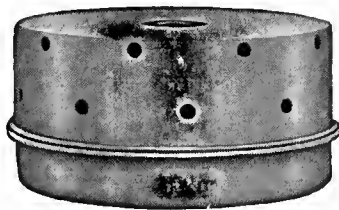


Putnam Home-Made Brooder Complete

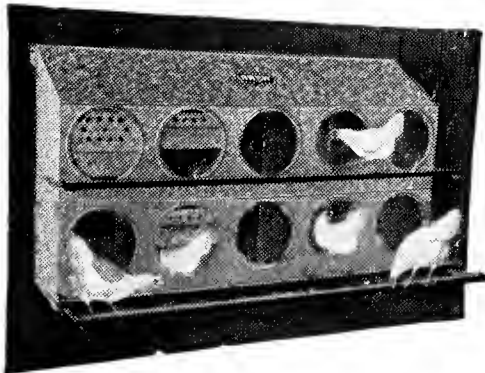


The Brooder Heater only, Price \$4.75

The Little Putnam Stove



YOU CAN GET WINTER EGGS. Simply keep the drinking water from freezing and feed Sprouted Oats with the usual Grain Ration. Therefore, to make eggs and lots of them in WINTER TIME, your fowl must have water to drink and plenty of it. The Little Putnam Stove holds three pints of oil and burns a MONTH with one filling. (Patented principle.) Requires absolutely NO ATTENTION, except to be filled; never needs trimming; GREAT TIME SAVER, because its use makes unnecessary the renewal of water two or three times a day on account of freezing in zero weather. Price.....\$2.00



METAL BROOD COOPS SAVE YOUR CHICKENS FROM RATS, CATS, ETC.

Metal Brood Coops, collapsible, can be easily set up.
Price. \$2.50

SANITARY EARTHENWARE

For summer use, these earthenware founts are without doubt the best founts in the market. Will keep water cool and clean.



PRICE:

1 qt. size.....	\$.45 each
2 qt. size.....	.55 each
4 qt. size.....	.60 each
8 qt. size.....	1.00 each

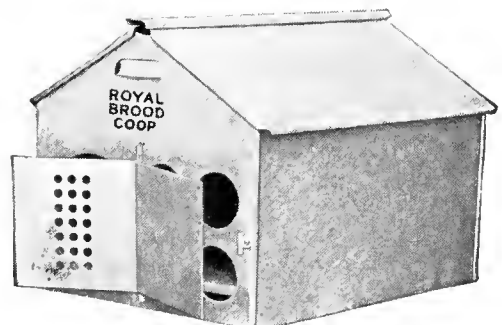
ALL-METAL LICE-FREE NESTS

Drew nests are built to hang on the wall, up from the floor. They are built in 3, 6 and 10 nest sections and are listed as the DB-823, 826 and 830, respectively.

One nest is recommended for each five hens. The nest boxes are 13 inches deep, 11 3/4 inches wide, 13 inches high, and have a 9 1/4 inch round nest hole. The DB-823, 3 hole nest section is single tier; the DB-826, 6 hole nest section and the DB-830, 10 hole section, are double tier. These nests will take care of either large or small breeds.

PRICES:

DB-823 3 hole section.....	\$ 5.00
DB-826 6 hole section.....	8.00
DB-830 10 hole section.....	10.50
DB-831 TRAP ATTACHMENT FOR ABOVE	.45



POULTRY REQUISITES

CORNELL CAPONIZING SET



This is the best set made. Many experiments in the use of various caponizing instruments recently carried on by Prof. E. W. Benjamin, Instructor of the Department of Poultry Husbandry at Cornell University, resulted in the manufacture of this wonderful set. It has knife and forceps, hook, probe, testicle remover, twist-

ing scoop, spreader, tie cord and hooks complete in a velvet box. Price.....\$6.00

PILLING-FARMERS
CAPONIZING SET

This set is very popular. It has a caponizing knife and forceps combined, a twisting scoop, probe, spreader, cord and hooks, all complete for caponizing.

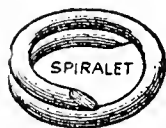
Price, in velvet lined case.....\$3.50

POULTRY KILLING KNIFE



These are made of finely tempered instrument steel. Price, each.....\$0.60

COLORED SPIRAL LEG BANDS



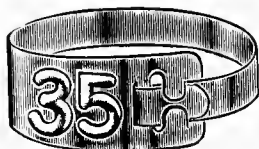
Made in all colors. These bands are very light and last indefinitely. Easily adjusted.

Poultry Size			
12 for.....	\$0.25	100 for.....	\$0.75
25 for.....	.35	1000 for.....	5.50
Pigeon and Chick Size			
12 for.....	\$0.15	100 for.....	\$0.50
25 for.....	.25	500 for.....	2.00

POULTRY LEG BANDS



Double Clinch



Challenge Adjustable

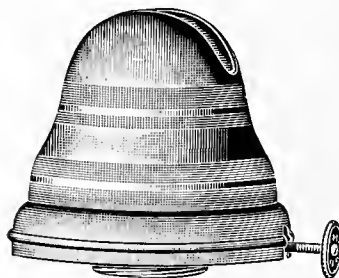
Leader Adjustable and Challenge Adjustable

These bands are adjustable to any size fowl, from Bantam to Turkey. They are stamped with large, raised numbers. Fastening is very neat and secure. Also with no catching edges.

PRICE:

12 for	\$0.20
25 for .....	.30
100 for .....	.75

"ZENITH" LAMP BURNERS



A "No - Chimney" burner for Incubators, Brooders. Fountain Heaters, etc. Perfect combustion without a chimney. When used with our lamp found the No. 1 burner is suitable for a lamp box 7 in. high, and the No. 2 burner for a lamp box 9 in. high.

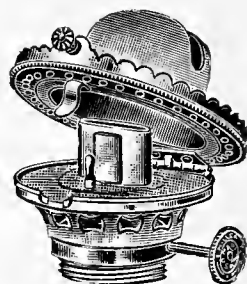
Diam. of Diam. of Size Ship Wt. Price

No.	Size	Thread	Cone	Wick	Doz.	Each	Doz.
200	1	7/8"	2 5/8"	5/8"	2 lbs.	.50	\$6.00
201	2	1 3/16"	3"	7/8"	4 lbs.	.65	7.50

SUN HINGED
LAMP BURNERS

Used extensively by Incubator and Brooder manufacturers. So designed that perfect combustion is insured. Easily cleaned and trimmed.

No. 203 has a guide ring.



No.	Size	Thread	Cone	Wick	Doz.	Each	Doz.
213	1A	7/8"	2 9-16"	5/8"	3	.35	\$4.20
202	2B	1 3/16"	2 7/8"	7/8"	4	.40	4.80
203	3	1 3/4"	3 9-16"	1 1/2"	5	.65	7.50

LAMP BOWLS

No. 100—Lamp Bowl. Diameter 6 inches, height 1 1/2 inches. Has a side handle. Takes Size 1 burner. This is the same bowl as used in our No. 10 Fountain Heater. Price.....\$0.60

No. 101—Lamp Bowl. Diameter 6 3/4 inches, height 2 1/4 inches. Takes Size 2 burner, and Size 2 chimney. Price.....\$0.70

No. 102—Lamp Bowl. Diameter 8 inches, height 2 3/4 inches. Takes Size 3 burner, and Size 3 chimney. Price.....\$0.75

We carry in stock other styles of Burners, Bowls, etc., than those listed above.

METAL CHIMNEYS

For Incubators and Brooders. Made of galvanized sheet steel, with round mica window. The mica can be easily replaced if it should accidentally be broken. In two sizes.

No. 103—Metal Chimney. Height 6 inches. Fits Size 1 and 2 burners. Price.....\$0.30

No. 104—Metal Chimney. Height 6 inches. Fits Size 3 burner. Price.....\$0.30

INCUBATOR HYGROMETER

The use of the Incubator Hygrometer effectively lessens the percentage of chicks dying in the shell—due very largely to improper moisture conditions.

No. 5796\$1.75 each
Extra wicks\$0.15 each; \$1.50 doz.

THERMOMETERS

Brooder\$.85 each
Incubator without stand60
Incubator with stand75

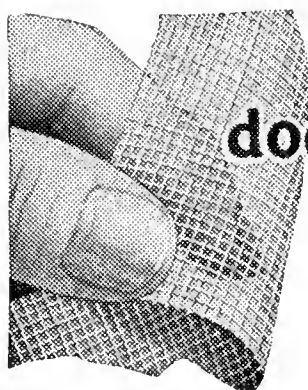
POULTRY PUNCH

A poultry punch for marking baby chicks.

Guaranteed to work perfectly.
Price\$0.25



POULTRY REQUISITES



Flexible - but doesn't crack or break

CEL-O-GLASS is a substitute for common glass, made of high-grade wire treated by a special process that fills the space between the strands with a clear tough, flexible, transparent substance that does not rub or peel off or become brittle.

CEL-O-GLASS is light in weight, unbreakable, and weatherproof. It can be cut to size with a pair of shears and fastened in place with a hammer and a few tacks. No glazing is necessary.

CEL-O-GLASS can very well be used instead of ordinary glass for chicken house windows, hot-bed sash, barn doors and windows, cellar doors, storm doors, and general outside construction. It transmits light almost as freely as ordinary glass, but diffuses the rays much more evenly.

Rolls, 3 feet wide up to 100 feet long. A standard 100 foot roll weighs approximately 44 pounds packed for shipment.

Price, \$1.35 per sq. yd.; 50 ft. Roll 150 sq. ft., \$19.00.

EGG CRATES SURETY CUSHION

The "Surety Cushion" egg crate is constructed of only the best planed lumber. The ends are of solid, one-piece construction with grooved handles.

The patented "Surety Cushion" egg trays inserted one above the other hold the eggs in double pyramid cushion pockets and prevent the eggs from coming in contact with one another or with the walls of the crate. They also prevent the eggs from rattling about.

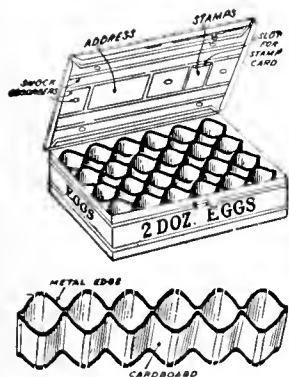
Size	Price
2 dozen.....	\$2.00
4 dozen.....	2.25
6 dozen.....	2.50

Extra Trays for above Crates

All sizes, 20c per tray

EGG CRATES—METAL

Eggs safely carried by mail, and crate can also be used in sending other products.



Prices and Sizes

1-doz. size.....	\$1.00
2-doz. size.....	1.25
3-doz. size.....	1.50
4-doz. size.....	1.75
6-doz. size.....	2.00
9-doz. size.....	2.50
12-doz. size.....	3.00

FILLERS FOR ABOVE METAL BOXES

One tray holding six eggs.....	\$0.12
Six trays holding 36 eggs.....	.70
Stamp slips, 50 for.....	.25
Board separators.....	.02
Address cards.....	.02
500 wrapping papers.....	.30

EGG BOXES—PAPER

A very neat little box for delivering eggs direct to customers. Similar to boxes generally used but made stronger.

PRICE:

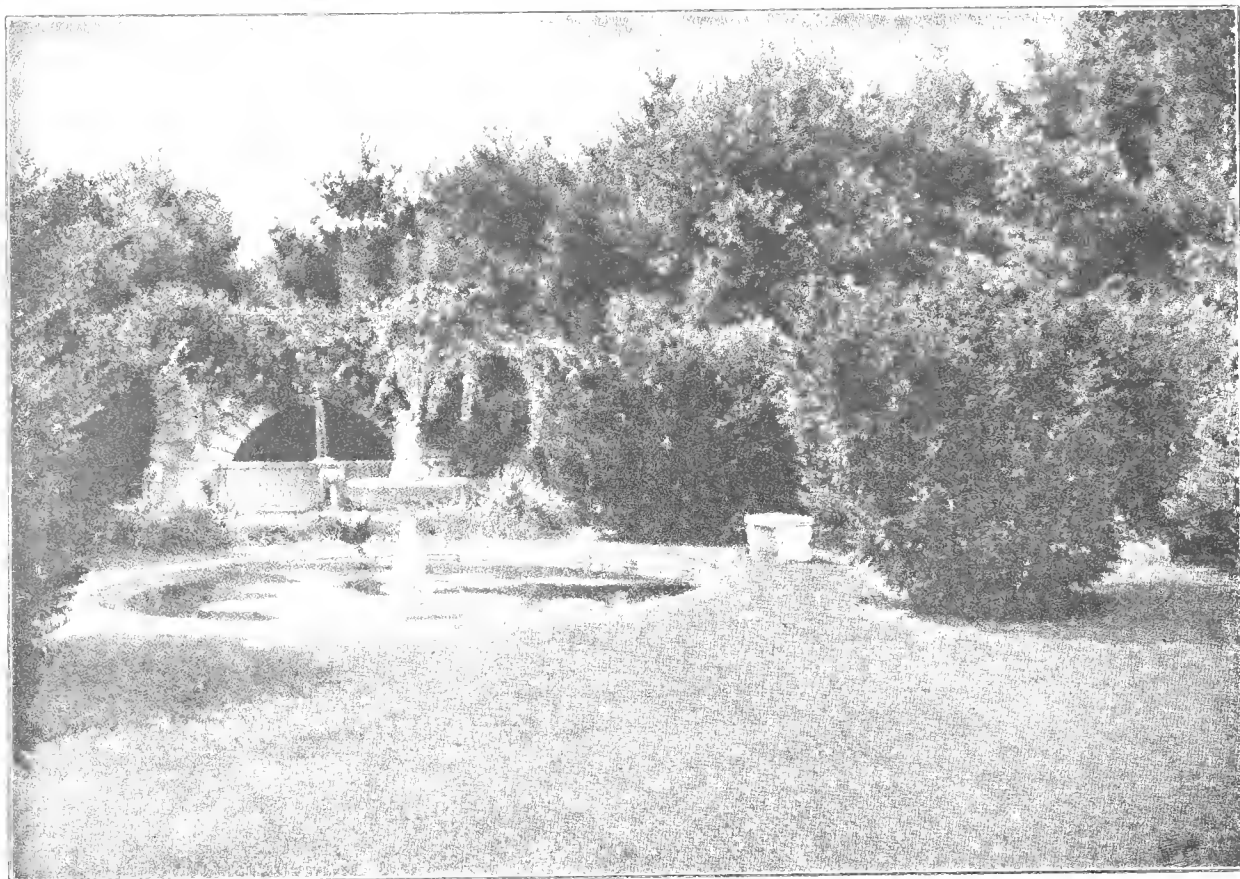
1 doz.	\$0.25
50 .....	.75
100	1.25
500	4.75
1000	9.00

PRATT POULTRY MEDICINE

N. K. Chick Tablets 100 for.....	\$0.90
N. K. Poultry Tablets 100 for.....	1.35
Scaly Leg Ointment.....	.25
Poultry Regulator.....	.25-.50
Disinfectant, 1 qt., 60c; 2 qts.....	1.00
Red Mite Special, 1 qt., 60c; 2 qts.....	1.00
Lice Powder, 12 oz. box, 25c; 2 lbs.....	.50
Cod Liver Oil—gallon.....	2.00

CONKEY POULTRY MEDICINE

Poultry Laxative.....	\$0.25
Diatex.....	.25-.50
Balmo.....	.50
Reliable Powder.....	.25-.50
Cold Pills.....	.25-.50
Poultry Worm Remedy.....	.25
Colora Remedy.....	.25
Y-O..... 1 lb., 50c; 2 lbs., 90c; 5 lbs., 1.60	
Carbolineum for Red Mites—gallon.....	1.50
Water Glass..... qt. 35c; gal. 1.00	
Carbola..... 5 lbs., 65c; 10 lbs., .98	
Egg Tester Lamp.....	.35
Egg Tester Electric.....	1.35
Egg Scale, Reliable.....	1.35
Lime Nest Eggs..... each, 05c; dozen .40	
Porcelain Eggs..... each, 05c; dozen .50	



SHADY SPOT LAWN GRASS SEED

It is hardly necessary to remind any reader of this catalogue of the futility of using ordinary grass seed mixtures for shady and damp situations. Many lawns are spoiled by the bare and unsightly spot where constant shade exists, and all efforts have failed to get grass to grow in these places.

To successfully combat conditions such as these, MACNIFF'S "SHADY SPOT" LAWN SEED should be used exclusively.

This combination is composed of tried and tested fine-leaved evergreen varieties, which grow wild in the woods in their natural state, and will form a lawn that will be in keeping with the finest results obtainable under ordinary conditions.

Quantity Required

For new lawns, 1 lb. will sow 300 square feet.

Twenty pounds (1 bus.) will sow 100x100 ft. One hundred pounds to the acre.

For renovating old lawns one-half of the above quantity is necessary.

1 lb., 55; 5 lbs., \$2.65;

$\frac{1}{2}$ bushel or 10 lbs., \$5.00; 1 bushel or 20 lbs., \$9.50; 100 lbs., \$45.00